



Bill Barrett Corporation

April 25, 2008

Utah Division of Oil, Gas and Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

5-16-36 BTR

Utah Division of Wildlife Resources Surface/Tribal Minerals
SWNW, Section 16-T3S-R6W
Duchesne County, Utah

RECEIVED
APR 29 2008
DIV. OF OIL, GAS & MINING

Diana Mason, Environmental Scientist I:

Enclosed please find a copy of Bill Barrett Corporation's (BBC) Application for Permit to Drill (APD) the above captioned well. Montgomery Archeological Consultants conducted a Class III archeological survey for this location on April 11, 2008, stating "no historic properties affected". EIS Environmental and Engineering Consulting conducted a "Threatened, Endangered, Candidate, and Sensitive Species Habitat Delineation Survey" on April 15, 2008. No endangered species were identified in this survey. A copy of the results of EIS Environmental and Engineering Consulting report is enclosed. Montgomery Archeological Consultants report will be sent under a separate cover.

BBC has applied for a Right-of Way and Easement Agreement through the Utah Division of Wildlife Resources who is the current surface owner. Once this agreement is obtained, a signed copy will be provided to the Utah Division of Oil, Gas and Mining.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

Reed Haddock
Permit Analyst

Enclosures

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
ute Indian Tribe

7. If Unit or CA Agreement, Name and No.
N/A

8. Lease Name and Well No.
5-16-36 BTR

9. API Well No.
Pending 43013-33970

10. Field and Pool, or Exploratory
Allegro Cedar Rim 80

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 16, T3S, R6W U.S.B.&M.

12. County or Parish
Duchesne

13. State
UT

1a. Type of work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☒ Multiple Zone

2. Name of Operator Bill Barrett Corporation

3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8546

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface SW/4 NW/4, 1899' FNL x 672' FWL, Sec. 16, T3S, R6W
At proposed prod. zone SW/4 NW/4, 1899' FNL x 672' FWL, Sec. 16, T3S, R6W

14. Distance in miles and direction from nearest town or post office*
Approximately 12.7 miles northwest of Duchesne, UT

15. Distance from proposed* 672' SHL
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any)

16. No. of acres in lease
N/A

17. Spacing Unit dedicated to this well
640

18. Distance from proposed location* 2,100' abandoned oil well
to nearest well, drilling, completed,
applied for, on this lease, ft.

19. Proposed Depth
11,543'

20. BLM/BIA Bond No. on file
Nationwide Bond # WYB000040

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
6208' Ungraded Ground

22. Approximate date work will start*
08/01/2008

23. Estimated duration
45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature *Reed Haddock* Name (Printed/Typed) Reed Haddock Date 04/25/2008

Title
Permit Analyst

Approved by Signature *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 09-17-08

Title
Office ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

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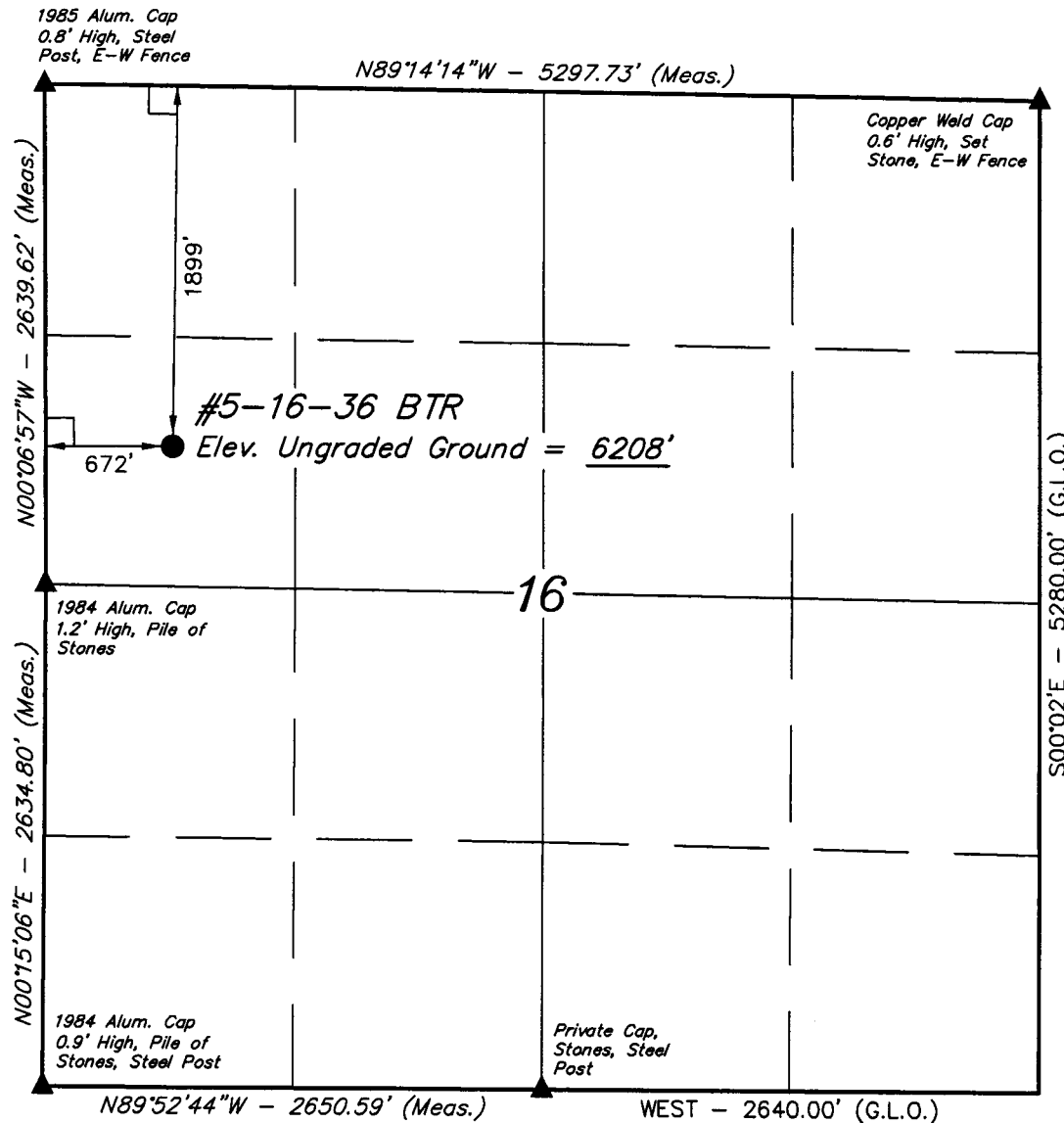
Federal Approval of this
Action is Necessary

RECEIVED

APR 29 2008

DIV. OF OIL, GAS & MINING

T3S, R6W, U.S.B.&M.



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
 LATITUDE = 40°13'18.18" (40.221717)
 LONGITUDE = 110°34'31.40" (110.575389)
 (NAD 27)
 LATITUDE = 40°13'18.34" (40.221761)
 LONGITUDE = 110°34'28.83" (110.574675)

BILL BARRETT CORPORATION

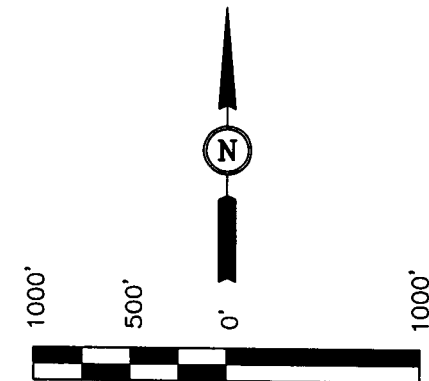
Well location, #5-16-36 BTR, located as shown in the SW 1/4 NW 1/4 of Section 16, T3S, R6W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT A ROAD INTERSECTION LOCATED IN THE NW 1/4 OF SECTION 36, T3S, R6W, U.S.B.&M., TAKEN FROM THE RABBIT GULCH QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5904 FEET.

BASIS OF BEARINGS

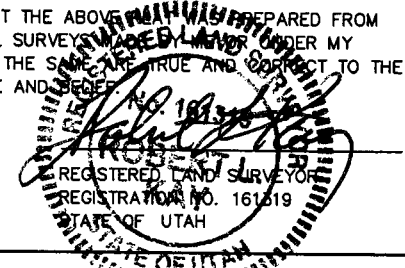
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-08-08	DATE DRAWN: 04-10-08
PARTY D.S. E.D. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	

RECEIVED

AUG 19 2008

DIV. OF OIL, GAS & MINING

EASEMENT LEASE AGREEMENT**BILL BARRETT CORPORATION****FOR WELLSITE #4-30-36 BTR, #5-16-36 BTR, #5-29-36 BTR, #16-23-36 BTR,
#13-26-36 BTR and the Access Roads and Pipelines that will service those wellsites****TABBY MOUNTAIN WILDLIFE MANAGEMENT AREA****UDWR Easement Lease No. DUC-0805EA-024****Fed aid grant W-96-L-7**

THIS NON-EXCLUSIVE EASEMENT LEASE AGREEMENT ("Agreement") is made by and between the **Utah Division of Wildlife Resources** whose address is 1594 West North Temple, Suite 2110, Salt Lake City, Utah 84114-6301 (hereafter "**Surface Owner**") and **Bill Barrett Corporation**, whose address is 1099 18th Street, Suite 2300, Denver, Colorado 80202 (hereafter "**BBC**"). BBC and BBC are collectively referred to as "**the Parties**". "Easement Lease" means the lease of an easement or right-of-way, for which the purpose, specific use, rights granted, location, term, fees, and other conditions are set forth herein.

EXHIBITS

A.1	Location of Wellsite for #4-30-36 BTR
A.2	Directions to Wellsite #4-30-36 BTR
A.3	Location Layout for #4-30-36 BTR
A.4	Location Surface Use Area & Corridor Right-of-Way for #4-30-36 BTR
A.5	Typical Cross section for #4-30-36 BTR
A.6	Topographic Map of Proposed Location for #4-30-36 BTR
A.7	Topographic Map of Proposed Access Road for #4-30-36 BTR
A.8	Topographic Map of Proposed Pipeline & Access Road for #4-30-36 BTR
B.1	Location of Wellsite for #5-16-36 BTR
B.2	Directions to Wellsite #5-16-36 BTR
A.3	Location Layout for #5-16-36 BTR
B.4	Location Surface Use Area & Corridor Right-of-Way for #5-16-36 BTR
B.5	Typical Cross Section for #5-16-36 BTR
B.6	Topographic Map of Proposed Location for #5-16-36 BTR
B.7	Topographic Map of Proposed Access Road for #5-16-36 BTR
B.8	Topographic Map of Proposed Pipeline & Access Road for #5-16-36 BTR
C.1	Location of Wellsite for #5-29-36 BTR
C.2	Directions to Wellsite #5-29-36 BTR
C.3	Location Layout for #5-29-36 BTR
C.4	Location Surface Use Area & Corridor Right-of-Way for #5-29-36 BTR
C.5	Typical Cross Section for #5-29-36 BTR
C.6	Topographic Map of Proposed Location for #5-29-36 BTR
C.7	Topographic Map of Proposed Pipeline & Access Road for #5-29-36 BTR
C.8	Topographic Map of Proposed Pipeline & Access Road for #5-29-36 BTR
D.1	Location of Wellsite for #16-23-36 BTR
D.2	Directions to Wellsite #16-23-36 BTR
D.3	Location Layout for #16-23-36 BTR
D.4	Location Surface Use Area & Right-of-Way for #16-23-36 BTR
D.5	Pipeline Right-of-Way for #16-23-36 BTR
D.6	Typical Cross Section #16-23-36 BTR
D.7	Topographic Map of Proposed Location for #16-23-36 BTR
D.8	Topographic Map of Proposed Access Road for #16-23-36 BTR
D.9	Topographic Map of Proposed Pipeline & Access Road for #16-23-36 BTR
E.1	Location of Wellsite for #13-26-36 BTR
E.2	Directions to Wellsite #13-26-36 BTR
E.3	Location Layout for #13-26-36 BTR
E.4	Location Surface Use Area & Corridor Right-of-Way for #13-26-36 BTR

COOPERATIVE AGREEMENT

Between **BILL BARRETT CORPORATION**
and the **UTAH DIVISION OF WILDLIFE RESOURCES** for

***Mitigation Related to Oil and Gas Field Development
on the Tabby Mountain Wildlife Management Area***

WHEREAS, Bill Barrett Corporation (BBC) and their agents/contractors, desire to construct v pads, roads, and pipelines, and drill five (5) oil and natural gas wells, said wells specifically identified as well numbers 4-30 36 BTR, 5-16-36 BTR, 5-29-36 BTR, 16-23-36 BTR and 13 36 BTR beginning in the Fall 2008 and running until completion without having to undergo delays related to winter wildlife closures during the term of this agreement; and,

WHEREAS, in recognition of the crucial wildlife habitat values found in the area, BBC sough coordinate early with Utah Division of Wildlife Resources (DWR) staff and to develop practicable solutions which enabled field development and also provided for compensatory mitigation to support habitat restoration benefiting wildlife; and,

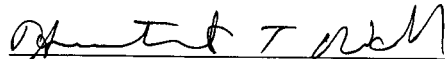
WHEREAS, the Division has assessed wildlife habitat conditions in the area, and identified specific opportunities to compensate for unavoidable effects of oil and gas field related disturbance by instituting specific wildlife habitat restoration practices which would yield substantial benefits for wildlife; and,

WHEREAS, the Division in this instance feels that it would be in the best interests of wildlife accept a commensurate payment from BBC, who have worked diligently to mitigate for their construction impacts by coordinating early with DWR staff, which would enable DWR and t cooperators to conduct habitat treatments of a type and extent which would serve wildlife and also supply BBC's compensatory mitigation.

NOW, THEREFORE, let this document serve to capture the essence of the agreement by BBC : DWR, to the effect that BBC has or will issue to DWR a single, \$26,000 compensatory mitigation payment, plus a \$5,200 payment for each well in the process of being drilled or completed at any time between the dates of December 1 and April 15 (winter closure period) during the term of this agreement, specifically intended to enable DWR to conduct several hundred acres of habitat restoration, situated reasonably near the originally impacted wildlife habitats, as DWR determined would be most effective for benefiting wildlife populations of i area. The funds may be used for any related expense pertaining to such wildlife habitat treatments as may be conducted in the general area, but not for unrelated purposes or distantl removed locations.

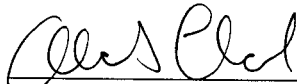
The term of this agreement shall commence on the date of the last signature below, and shall terminate at midnight on April 15, 2009.

AGREED TO BY:



Huntington T. Walker
Sr. Vice-President-Land
Bill Barrett Corporation
Denver, CO

Date



James F. Karpowitz, Director
Utah Division of Wildlife Resources
Salt Lake City, UT

8/13/08

Date



Linda Braithwaite, Financial Manager
Utah Division of Wildlife Resources
Salt Lake City, UT

8/18/08

Date

Bill Barrett Corporation
Drilling Program
5-16-36 BTR
Duchesne County, Utah

HAZARDOUS MATERIAL DECLARATION

WELL NO. # 5-16-36 BTR - LEASE NO. BIA-EDA-2OG0005608

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

Bill Barrett Corporation
Drilling Program
5-16-36 BTR
Duchesne County, Utah

DRILLING PLAN

BILL BARRETT CORPORATION
5-16-36 BTR

SHL: SW/4 NW/4, 1899' FNL & 672' FWL, Section 16-T3S-R6W

BHL: SW/4 NW/4, 1899' FNL & 672' FWL, Section 16-T3S-R6W

Surface Owner: Utah Division of Wildlife
Duchesne County, Utah

BBC intends to drill this well according to the "Planned" program outlined below. Should hole conditions dictate (either by lost circulation and/or increased pore pressure) BBC requests approval with this permit to implement the "Contingency" program also outlined below. It is expected that this decision will be made once the Wasatch formation has been penetrated. BBC will inform the authorized officer upon implementing the "contingency" plan.

1 - 3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD</u>
Duchesne River/Uinta	Surface
Green River	6,316'
Douglas Creek	7,107'
Black Shale	7,731'
Castle Peak	7,894'
Wasatch	8,677' *
North Horn	10,918' *
TD	11,543'

*PROSPECTIVE PAY

The Wasatch and the North Horn are primary objectives for oil/gas.

4. Casing Program

A) Planned Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
14 3/4"	surface	1,000'	10 3/4"	45.5#	J or K 55	ST&C	New
9 7/8"	surface	TD	5 1/2"	17#	P-110	LT&C	New

B) Contingency Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
14 3/4"	Surface	1,000'	10 3/4"	45.5#	J or K 55	ST&C	New
9 7/8"	surface	7,231'	7 5/8"	26.4#	P-110	LT&C	New
6 3/4"	7,231'	TD	5 1/2"	17#	P-110	Flush	New

Bill Barrett Corporation
Drilling Program
5-16-36 BTR
Duchesne County, Utah

5. **Cementing Program**
A) Planned Program

10 ¾" Surface Casing	Approximately 280 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft ³ /sx) circulated to surface with 100% excess. Approximately 430 sx Halliburton Premium Plus cement with additives mixed at 15.8 ppg (yield = 1.15 ft ³ /sx).
5 ½" Production Casing	Approximately 660 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.84 ft ³ /sx). Approximately 1180 sx Halliburton 50/50 Poz. Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 1,000'.

B) Contingency Program

10 ¾" Surface Casing	Approximately 280 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft ³ /sx) circulated to surface with 100% excess. Approximately 430 sx Halliburton Premium Plus cement with additives mixed at 15.8 ppg (yield = 1.15 ft ³ /sx).
7 5/8" Intermediate Casing	Approximately 390 sx Halliburton Hi-Fill Modified cement with additives mixed at 11.0 ppg (yield = 3.84 ft ³ /sx). Approximately 260 sx Halliburton 50/50 Poz. Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 1,000'.
5 ½" Production Liner	Approximately 250 sx Halliburton 50/50 Poz Premium cement with additives mixed at 14.1 ppg (yield = 1.24 ft ³ /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 8,277'.

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u> <u>(API filtrate)</u>	<u>Remarks</u>
40' – 1,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
1,000' – TD	8.6 – 10.6	42-52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. **BOP and Pressure Containment Data**

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1,000'	No pressure control required
1,000' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary and choke manifold to be rated @ 3000 psi;	

Bill Barrett Corporation
Drilling Program
5-16-36 BTR
Duchesne County, Utah

- | |
|--|
| - Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2; |
| - The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests. |
| - BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner. |

8. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.

10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 6362 psi* and maximum anticipated surface pressure equals approximately 3823 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A - (0.22 x TD)

11. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

12. Drilling Schedule

Location Construction: Approximately August 1, 2008
Spud: Approximately August 21, 2008
Duration: 30 days drilling time
45 days completion time

PLANNED PROGRAM

BBC intends to drill this well according to the "Planned" program outlined below. Should hole conditions dictate (either by lost circulation and/or increased pore pressure) BBC requests approval with this permit to implement the "Contingency" program also outlined below. It is expected that this decision will be made once the Wasatch formation has been penetrated. BBC will inform the authorized officer upon implementing the "alternate" plan.

5-16-36 BTR Proposed Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
Lead Cement - (500' - 0')			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.85	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	280	sks
Tail Cement - (TD - 500')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	4.97	Gal/sk
	Top of Fluid:	500'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	430	sks

<u>Job Recommendation</u>	<u>Production Casing</u>		
Lead Cement - (7231' - 1000')			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.84	ft ³ /sk
0.75% Econolite	Total Mixing Fluid:	23.38	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	1,000'	
3.0 lbm/sk Granulite TR	Calculated Fill:	6,231'	
3.0% Salt	Volume:	447.83	bbl
0.8% HR-7	Proposed Sacks:	660	sks
Tail Cement - (11543' - 7231')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
0.75% Halad ®-322	Slurry Yield:	1.49	ft ³ /sk
0.2% FWCA	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite	Top of Fluid:	7,231'	
0.125 lbm/sk Poly-E-Flake	Calculated Fill:	4,312'	
1.0 lbm/sk Granulite TR 1/4	Volume:	309.94	bbl
0.2% HR-5	Proposed Sacks:	1180	sks



**Bill Barrett Corporation E-bill
1099 18th Street - Suite 2300
Denver, Colorado 80202**

BTR General

Duchesne County, Utah
United States of America
T:3S R:6W

Surface and Production Casing Cementing Proposal

Prepared for: Dominic Spencer
April 26, 2007
Version: 1

Submitted by:
Pat Kundert
Halliburton Energy Services
410 Seventeenth St
Denver, Colorado 80202
+303.886.0839

HALLIBURTON

Job Recommendation

Surface Casing

Fluid Instructions

Fluid 1: Water Based Spacer

Fresh Water with Gel

25 lbm/bbl Poly-E-Flake (Lost Circulation Additive)
10 lbm/bbl Bentonite (Viscosifier)

Fluid Density: 8.50 lbm/gal
Fluid Volume: 20 bbl

Fluid 2: Lead Cement – (500 – 0')

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.70 lbm/gal
Slurry Yield: 1.85 ft³/sk
Total Mixing Fluid: 9.90 Gal/sk
Top of Fluid: 0 ft
Calculated Fill: 500 ft
Volume: 86.70 bbl
Calculated Sacks: 263.13 sks
Proposed Sacks: 270 sks

Fluid 3: Tail Cement – (TD - 500')

Premium Cement

94 lbm/sk Premium Cement (Cement)
2 % Calcium Chloride (Accelerator)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.80 lbm/gal
Slurry Yield: 1.15 ft³/sk
Total Mixing Fluid: 4.97 Gal/sk
Top of Fluid: 500 ft
Calculated Fill: 500 ft
Volume: 90.93 bbl
Calculated Sacks: 443.95 sks
Proposed Sacks: 450 sks

Fluid 4: Top Out Cement – If Needed

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)
2 % Calcium Chloride (Accelerator)

Fluid Weight 15.60 lbm/gal
Slurry Yield: 1.18 ft³/sk
Total Mixing Fluid: 5.20 Gal/sk
Proposed Sacks: 200 sks

Job Recommendation**Production Casing Cementing**

Fluid Instructions

Fluid 1: Water Spacer

Fresh Water

Fluid Density: 8.34 lbm/gal
Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer

Super Flush

Fluid Density: 9.20 lbm/gal
Fluid Volume: 20 bbl

Fluid 3: Water Spacer

Fresh Water

Fluid Density: 8.34 lbm/gal
Fluid Volume: 10 bbl

Fluid 4: Lead Cement – (6835 – 1000')

Halliburton Hi-Fill Modified

94 lbm/sk Premium Cement (Cement)

16 % Bentonite (Light Weight Additive)

0.75 % Econolite (Light Weight Additive)

5 lbm/sk Gilsonite (Lost Circulation Additive)

0.25 lbm/sk Flocele (Lost Circulation Additive)

3 % Salt (Salt)

0.8 % HR-7 (Retarder)

3 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 11 lbm/gal
Slurry Yield: 3.84 ft³/sk
Total Mixing Fluid: 23.38 Gal/sk
Top of Fluid: 1000 ft
Calculated Fill: 5835 ft
Volume: 419.41 bbl
Calculated Sacks: 612.59 sks
Proposed Sacks: 620 sks

Fluid 5: Primary Cement – (TD – 6835')

50/50 Poz Premium

2 % Bentonite (Light Weight Additive)

3 % KCL (Clay Control)

0.75 % Halad(R)-322 (Low Fluid Loss Control)

0.2 % FWCA (Free Water Control)

3 lbm/sk Silicalite Compacted (Light Weight Additive)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

0.2 % HR-5 (Retarder)

Fluid Weight 13.40 lbm/gal
Slurry Yield: 1.49 ft³/sk
Total Mixing Fluid: 7.06 Gal/sk
Top of Fluid: 6835 ft
Calculated Fill: 4295 ft
Volume: 309.74 bbl
Calculated Sacks: 1167.15 sks
Proposed Sacks: 1170 sks

Well name:	BTR General_Preferred
Operator:	Bill Barrett Corporation
String type:	Surface
Location:	T3S-R6W

Design parameters:
Collapse

Mud weight: 8.40 ppg

Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 70.00 °F
Bottom hole temperature: 82 °F
Temperature gradient: 1.22 °F/100ft
Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: 3,564 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 3,784 psi

Annular backup: 8.34 ppg

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 875 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,130 ft
Next mud weight: 10.400 ppg
Next setting BHP: 6,013 psi
Fracture mud wt: 14.000 ppg
Fracture depth: 7,500 ft
Injection pressure: 5,455 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	10.75	45.50	J-55	ST&C	1000	1000	9.825	90.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	436	2090	4.790	3564	3580	1.00	40	493	12.38 J

Prepared Dominic Spencer
by: Bill Barrett

Phone: (303) 312-8164
FAX: (303) 312-8195

Date: April 18, 2007
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name: **BTR General_Prefered**

Operator: **Bill Barrett Corporation**

String type: **Production**

Location: **T3S-R6W**

Design parameters:

Collapse

Mud weight: 10.40 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Environment:

H2S considered? No
Surface temperature: 70.00 °F
Bottom hole temperature: 206 °F
Temperature gradient: 1.22 °F/100ft
Minimum section length: 1,500 ft

Burst:

Design factor 1.00

Cement top: 1,000 ft

Burst

Max anticipated surface

pressure: 3,564 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 6,013 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 9,375 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11130	5.5	17.00	P-110	LT&C	11130	11130	4.767	383.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6013	7480	1.244	6013	10640	1.77	159	445	2.79 J

Prepared Dominic Spencer
by: Bill Barrett

Phone: (303) 312-8164
FAX: (303) 312-8195

Date: April 18,2007
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 11130 ft, a mud weight of 10.4 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

CONTINGENCY PROGRAM

5-16-36 BTR Alternate Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
Lead Cement - (500' - 0')			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.85	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	280	sks
Tail Cement - (TD - 500')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.15	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	4.97	Gal/sk
	Top of Fluid:	500'	
	Calculated Fill:	500'	
	Volume:	86.69	bbl
	Proposed Sacks:	430	sks

<u>Job Recommendation</u>	<u>Intermediate Casing</u>		
Lead Cement - (7231' - 1000')			
Halliburton Hi-Fill Modified	Fluid Weight:	11.0	lbm/gal
16.0% Bentonite	Slurry Yield:	3.84	ft ³ /sk
0.75% Econolite	Total Mixing Fluid:	23.38	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	1,000'	
3.0 lbm/sk Granulite TR	Calculated Fill:	6,231'	
3.0% Salt	Volume:	262.15	bbl
0.8% HR-7	Proposed Sacks:	390	sks
Tail Cement - (8777' - 7231')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
0.75% Halad ®-322	Slurry Yield:	1.49	ft ³ /sk
0.2% FWCA	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite	Top of Fluid:	7,231'	
0.125 lbm/sk Poly-E-Flake	Calculated Fill:	1,546'	
1.0 lbm/sk Granulite TR 1/4	Volume:	65.05	bbl
0.2% HR-5	Proposed Sacks:	260	sks

Job Recommendation**Production Casing****Lead Cement - (11543' - 8277')**

50/50 Poz Premium

0.4% Halad®-344

0.3% CFR-3

0.3% HR-5

Fluid Weight: 14.1 lbm/gal

Slurry Yield: 1.24 ft³/sk

Total Mixing Fluid: 5.53 Gal/sk

Top of Fluid: 8,277'

Calculated Fill: 3,266'

Volume: 53.44 bbl

Proposed Sacks: 250 sks



**Bill Barrett Corporation E-bill
1099 18th Street - Suite 2300
Denver, Colorado 80202**

BTR General

Duchesne County, Utah
United States of America

Alternate Cementing Proposal

Prepared for: Dominic Spencer
May 2, 2007
Version: 2

Submitted by:
Pat Kundert
Halliburton Energy Services
1125 17th Street - Suite 1900
Denver, Colorado 80202
+303.886.0839

HALLIBURTON

Job Recommendation

Surface Casing

Fluid Instructions

Fluid 1: Water Based Spacer

Fresh Water with Gel

25 lbm/bbl Poly-E-Flake (Lost Circulation Additive)
10 lbm/bbl Bentonite (Viscosifier)

Fluid Density: 8.50 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Lead Cement – (500 – 0')

Halliburton Light Premium

1 % Calcium Chloride (Accelerator)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 12.70 lbm/gal

Slurry Yield: 1.85 ft³/sk

Total Mixing Fluid: 9.90 Gal/sk

Top of Fluid: 0 ft

Calculated Fill: 500 ft

Volume: 86.70 bbl

Calculated Sacks: 263.13 sks

Proposed Sacks: 270 sks

Fluid 3: Tail Cement – (TD - 500')

Premium Cement

94 lbm/sk Premium Cement (Cement)
2 % Calcium Chloride (Accelerator)
0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

Fluid Weight 15.80 lbm/gal

Slurry Yield: 1.15 ft³/sk

Total Mixing Fluid: 4.97 Gal/sk

Top of Fluid: 500 ft

Calculated Fill: 500 ft

Volume: 90.93 bbl

Calculated Sacks: 443.95 sks

Proposed Sacks: 450 sks

Fluid 4: Top Out Cement – If Needed

Premium Plus Cement

94 lbm/sk Premium Plus Cement (Cement)
2 % Calcium Chloride (Accelerator)

Fluid Weight 15.60 lbm/gal

Slurry Yield: 1.18 ft³/sk

Total Mixing Fluid: 5.20 Gal/sk

Proposed Sacks: 200 sks

Job Recommendation**Intermediate Casing Cementing**

Fluid Instructions

Fluid 1: Water Spacer

Fresh Water

Fluid Density: 8.34 lbm/gal

Fluid Volume: 10 bbl

Fluid 2: Reactive Spacer

Super Flush

Fluid Density: 9.20 lbm/gal

Fluid Volume: 20 bbl

Fluid 3: Water Spacer

Fresh Water

Fluid Density: 8.34 lbm/gal

Fluid Volume: 10 bbl

Fluid 4: Lead Cement

Halliburton Hi-Fill

94 lbm/sk Premium Cement (Cement)

16 % Bentonite (Light Weight Additive)

0.75 % Econolite (Light Weight Additive)

5 lbm/sk Gilonite (Lost Circulation Additive)

0.25 lbm/sk Flocele (Lost Circulation Additive)

3 % Salt (Salt)

0.8 % HR-7 (Retarder)

3 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 11 lbm/gal

Slurry Yield: 3.84 ft³/sk

Total Mixing Fluid: 23.38 Gal/sk

Top of Fluid: 1000 ft

Calculated Fill: 5835 ft

Volume: 245.51 bbl

Calculated Sacks: 358.59 sks

Proposed Sacks: 360 sks

Fluid 5: Primary Cement

50/50 Poz Premium

2 % Bentonite (Light Weight Additive)

3 % KCL (Clay Control)

0.75 % Halad(R)-322 (Low Fluid Loss Control)

0.2 % FWCA (Free Water Control)

3 lbm/sk Silicalite Compacted (Light Weight Additive)

0.125 lbm/sk Poly-E-Flake (Lost Circulation Additive)

1 lbm/sk Granulite TR 1/4 (Lost Circulation Additive)

Fluid Weight 13.40 lbm/gal

Slurry Yield: 1.49 ft³/sk

Total Mixing Fluid: 7.06 Gal/sk

Top of Fluid: 6835 ft

Calculated Fill: 1165 ft

Volume: 49.02 bbl

Calculated Sacks: 184.71 sks

Proposed Sacks: 190 sks

Job Recommendation

Liner Casing

Fluid Instructions

Fluid 1: Water Based Spacer

MUD FLUSH

Fluid Density: 8.40 lbm/gal

Fluid Volume: 20 bbl

Fluid 2: Primary Cement

50/50 Poz Premium, 2% gel standard

0.4 % Halad(R)-344 (Low Fluid Loss Control)

0.3 % CFR-3 (Dispersant)

0.3 % HR-5 (Retarder)

Fluid Weight 14.10 lbm/gal

Slurry Yield: 1.24 ft³/sk

Total Mixing Fluid: 5.53 Gal/sk

Top of Fluid: 7300 ft

Calculated Fill: 3830 ft

Volume: 65.61 bbl

Calculated Sacks: 297.09 sks

Proposed Sacks: 300 sks

Well name:	BTR General_Contingency
Operator:	Bill Barrett Corporation
String type:	Intermediate
Location:	T3S-R6W

Design parameters:
Collapse

Mud weight: 9.40 ppg

Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 70.00 °F
Bottom hole temperature: 168 °F
Temperature gradient: 1.22 °F/100ft
Minimum section length: 1,000 ft

Burst

Max anticipated surface pressure: 3,564 psi
Internal gradient: 0.22 psi/ft
Calculated BHP 5,324 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.80 (J)
Premium: 1.80 (J)
Body yield: 1.80 (B)

Tension is based on buoyed weight.
Neutral point: 6,887 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 11,130 ft
Next mud weight: 10.400 ppg
Next setting BHP: 6,013 psi
Fracture mud wt: 14.000 ppg
Fracture depth: 8,000 ft
Injection pressure 5,818 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8000	7.625	26.40	P-110	LT&C	8000	8000	6.844	417.7
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3906	3920	1.003	5324	8280	1.56	182	654	3.60 J

Prepared Dominic Spencer
by: Bill Barrett

Phone: (303) 312-8164
FAX: (303) 312-8195

Date: April 18, 2007
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 8000 ft, a mud weight of 9.4 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	BTR General Contingency
Operator:	Bill Barrett Corporation
String type:	Production Liner
Location:	T3S-R6W

Design parameters:

Collapse

Mud weight: 10.40 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 70.00 °F
 Bottom hole temperature 206 °F
 Temperature gradient: 1.22 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 7,500 ft

Burst

Max anticipated surface pressure: 3,564 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 6,013 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.80 (J)
 Premium: 1.80 (J)
 Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 9,375 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	11130	5.5	17.00	P-110	ush Seal-Lor	11130	11130	4.767	383.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6013	7480	1.244	6013	10640	1.77	159	406	2.55 J

Prepared Dominic Spencer
 by: Bill Barrett

Phone: (303) 312-8164
 FAX: (303) 312-8195

Date: April 18,2007
 Denver, Colorado

Remarks:

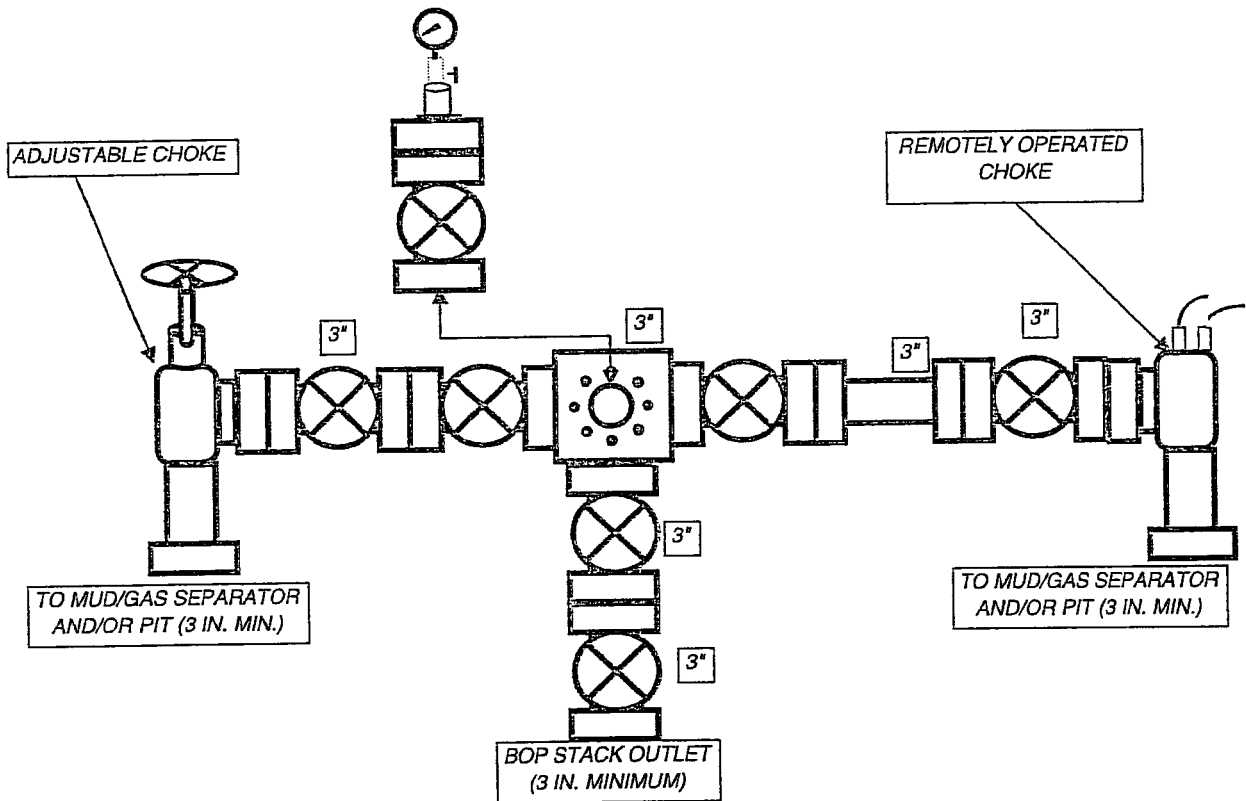
Collapse is based on a vertical depth of 11130 ft, a mud weight of 10.4 ppg. The casing is considered to be evacuated for collapse purposes.
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

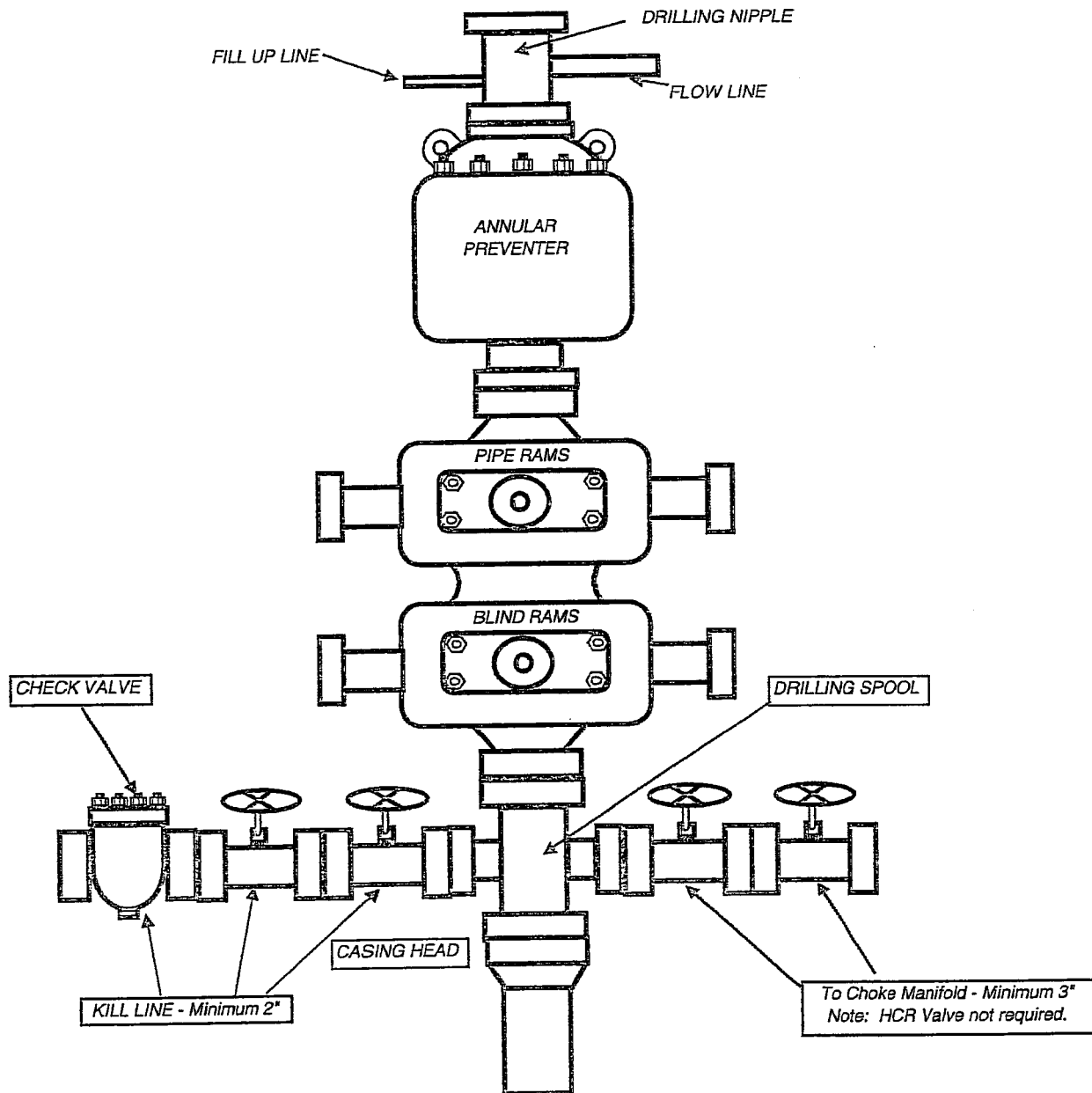
BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER



**Surface Use Plan for
Bill Barrett Corporation's
Development Program
Black Tail Ridge Area
Duchesne County, Utah**

1. Existing Roads:

The Black Tail Ridge Areas are located approximately 12 miles Southwest of Duchesne, Utah and extend from Township 3 South, Range 5 West, Range 6 West, and Range 7 West and the North ½ of Township 4 South, Range 5 West, Range 6 West, and Range 7 West. The specific location of a particular well pad will be shown on maps and described in the site specific APD.

The use of state and county roads under UDOT and Duchesne County Road Department maintenance is necessary to access the Project Area. Improvements to existing access roads will be noted in the site specific APD's.

2. Planned Access Roads:

Descriptions of the individual access road(s) will be included in the site specific APD and ROW application.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance with the UDWR.

3. Location of Existing Wells With-In A One-Mile Radius

Water wells – None.

Abandoned wells – SW/4, Section 9, T3S, R6W

SE/4, Section 8, T3S, R6W

NE/4 Section 17, T3S, R6W

NE/4 Section 16, T3S, R6W

Suspended wells – SW/4 Section 16, T3S, R6W

Disposal wells – None.

Drilling wells – None.

Producing wells – SE/4 Section 17, T3S, R6W

4. Location of Tank Batteries, Production Facilities, and Production Gathering And Service Lines:

The following guidelines will apply if the well is productive:

All permanent (on site for six months or longer) structures constructed or installed will conform to DOGM standards. All facilities will be painted within six months of installation.

A containment dike will be constructed completely around production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, and hold a minimum of 110% of the capacity of the largest tank. Topsoil will not be used for the construction of dike(s).

A description of the proposed pipeline and a map illustrating the proposed route will be submitted with the well site specific APD.

5. Location and Type of Water Supply

The Duchesne City Culinary Water Dock located in section 1, T4S-R5W will be used for water supply for drilling and completion operations. Additional water supply sources will be addressed in the site specific APD, indicating the location and type of water supply.

6. Source of Construction Materials:

All construction materials for this location site and access road shall be borrowed (local) material accumulated during construction of the location site and access road. No construction materials will be removed from UDWR lands. If any gravel is used, it will be obtained from an approved gravel pit.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including any salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 180 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed.

Unless otherwise specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not allow discharge of liquids.

If it is determined, at the onsite, that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12-millimeters thick. The liner will overlay a felt-liner pad if rock that might tear or puncture the liner is encountered during excavation. The liner will overlap the pit walls and be

covered with dirt and/or rocks to hold it in place. Trash, scrap pipe, etc. that could puncture the liner will not be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations. The pit liner will be protected during drilling and completion operations.

No water well will be drill on this lease. Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W. The trucked water will follow the access route described in the plat package of each APD. Production fluids will be contained in leak-proof tanks. All production fluids will be sold, recycled, or disposed of at approved disposal sites.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical self-contained sanitary-toilet will be onsite during drilling and completions.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The reserve pit fencing will be on three sides before drilling operations start. The fourth side will be fenced as soon as drilling is completed and the rig is removed. The fencing will be maintained until such time as the pits are backfilled.

8. Ancillary Facilities:

Garbage containers and portable toilets are the only ancillary facilities proposed. No additional ancillary facilities are foreseen in the future.

9. Wellsite Layout:

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface materials stockpile(s) will be included with the site specific APD and developed through a consultant.

10. Plans for Restoration of the Surface:

The dirt contractor will be provided with an approved copy of the surface use plan and these Standard Operating Procedures prior to commencing construction activities.

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. All reclamation standards will be developed between Bill Barrett Corporation (BBC) and UDWR. Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be recontoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored as near as possible to its original line of flow.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be cut off at the water or mud line and disposed of at an approved landfill site. The remaining liner will be torn and perforated after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting, unless it is determined that this location will be utilized to drill additional wells within 1 year of completing operations.

After the reserve pit has been reclaimed, diversion ditches and water bars will be used to divert precipitation runoff/runoff as appropriate.

Prior to the construction of the location, the top 6 inches or maximum available topsoil material will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. When all drilling and completion activities have been completed, the unused portion of the location (area outside the deadmen) will be recontoured and the stockpiled topsoil spread over the area.

If topsoil must be stored for more than one year:

It shall be windrowed on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

It shall be broadcast seeded with the prescribed seed mixture immediately after windrowing. Seed will be drilled on the contour to an appropriate depth and the stockpile then "walked" with a dozer to cover the seed and roughen the soil to prevent erosion.

Mulching may be considered to enhance the re-establishment of desired native plant communities. If straw or hay mulch is used, the straw and hay must be certified to be weed-free and the documentation submitted prior to usage.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road will be scarified and left with a rough surface.

UDWR shall be contacted for the required seed mixture. Seed will be drilled on the contour to an appropriate depth. If broadcast seeded, the amount of seed mixture per acre will be doubled, and a harrow or some other implement will be dragged over the seeded area to assure coverage of the seeds.

At final abandonment, BBC will follow UT-DOGM standards for final well abandonment.

11. **Surface Ownership**

The well location and proposed access road route is located on Utah Division of Wildlife Resources surface estate.

I hereby certify that Bill Barrett Corporation will apply for a surface use agreement with the Utah Division of Wildlife Resources for the protection of surface resources and reclamation of disturbed areas and/or damages in lieu thereof. Once this final signed agreement is in place copies will be sent to the Utah Division of Oil, Gas and Mining and the Vernal BLM Field office.

4/23/2008
Date

Reed Haddock
Reed Haddock – Permit Analyst
Bill Barrett Corporation

12. Other Information:

The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the BBC field representative to ensure compliance.

The operator will control noxious weeds along applied access road authorizations, pipeline route authorizations, well sites or other applicable facilities

Wells drilled during the fire season (June – October) all appropriate precautions shall be instituted to ensure that fire hazard is minimized, including, but not limited to, controlling vegetation and keeping fire fighting equipment readily available during all drilling and completion operations.

Drilling rigs and/or equipment used during drilling operations on locations will not be stacked or stored on UDWR administered lands after the conclusion of drilling operations or at any other time without permission by the UDWR. If UDWR permission is obtained, such storage will only be temporary measure.

Travel will be restricted to approved travel routes.

Operator Name Bill Barrett Corporation

POD/Well Name # 5-16-36 BTR

OPERATOR CERTIFICATION

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with that APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Name: Reed Haddock 4/23/08 Reed Haddock
(Signature) (Date) (Printed)

Position Title Permit Analyst

Address 1099 18th Street, Suite 2300, Denver, CO 80202

Telephone (303) 312-8546 Fax (303) 291-0420

Field Representative (if not above signatory) Mr. Mike Angus

Address (if different from above) P.O. Box 3110, Roosevelt, UT 84066

Telephone (if different from above) (435) 724-8016

E-mail (optional) mangus@billbarrettcorp.com

Agents not directly employed by the operator must submit a letter from the operator authorizing that agent to act or file this application on their behalf.

LEASE CERTIFICATION

Bill Barrett Corporation certifies that it is authorized by the proper lease interest owners and responsible under the terms and conditions of the lease to conduct lease operations associated with this application.

SURFACE OWNERSHIP

Bill Barrett Corporation certifies that they will provide a copy of the Surface Use Plan of Operations to the Utah Division of Wildlife Resources surface owner of the well site location once a final signed surface use agreement is in place.

BILL BARRETT CORPORATION

#5-16-36 BTR

SECTION 16, T3S, R6W, U.S.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM DUCHESNE, UTAH ON HIGHWAY 40 APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 3.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM DUCHESNE, UTAH TO THE PROPOSED LOCATION IS APPROXIMATELY 12.7 MILES.

BILL BARRETT CORPORATION

#5-16-36 BTR

LOCATED IN DUCHESNE COUNTY, UTAH
SECTION 16, T3S, R6W, U.S.B.&M.

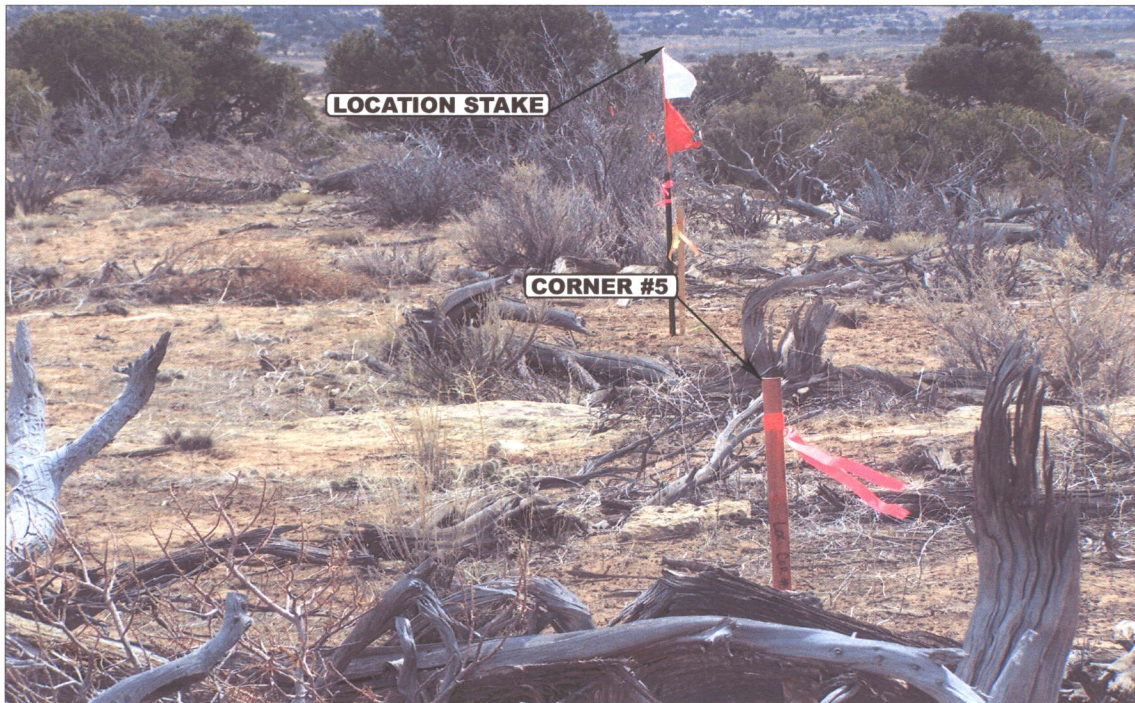


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



- Since 1964 -

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

TOPOGRAPHIC
MAP

4 15 08
MONTH DAY YEAR

TAKEN BY: D.S.

DRAWN BY: G.L.

REVISED: 00-00-00

PHOTO

BILL BARRETT CORPORATION
LOCATION LAYOUT FOR
#5-16-36 BTR
SECTION 16, T3S, R6W, U.S.B.&M.
1899' FNL 672' FWL

FIGURE #1
 SCALE: 1" = 60'
 DATE: 04-10-08
 DRAWN BY: C.C.

NOTE:
 Flare Pit is to be located a min. of 100' from the Well Head.

Approx. Top of Cut Slope

Approx. Toe of Fill Slope

Proposed Access Road

Round Corner as Needed

Topsoil Stockpile

Reserve Pit Backfill & Spoils Stockpile

Flare Pit

DOG HOUSE

TRAILER

TOILET

FUEL

STORAGE TANK

Existing Drainage

PIPE RACKS

CATWALK

MUD TANKS

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

WATER

RIG

10' WIDE BENCH

10' WIDE BENCH

RESERVE PIT 8' DEEP

Total Pit Capacity W/2' of Freeboard = 16,830 Bbls.±
Total Pit Volume = 4,920 Cu. Yds

Stationing:
 Sta. 0+00
 Sta. 1+00
 Sta. 2+00

Elev. Ungraded Ground at Location Stake = 6208.3'
Elev. Graded Ground at Location Stake = 6207.2'

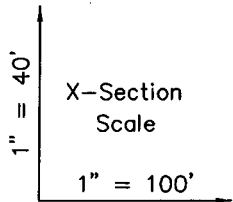
UINTEAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

BILL BARRETT CORPORATION

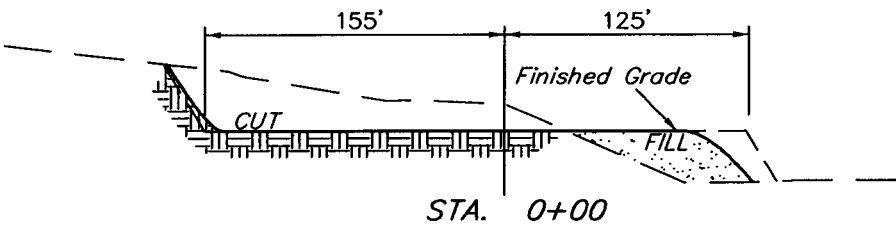
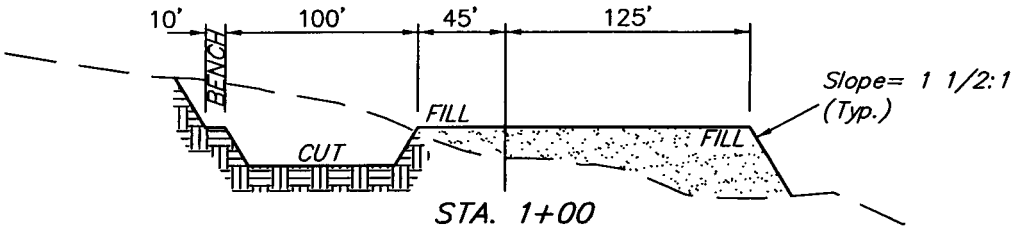
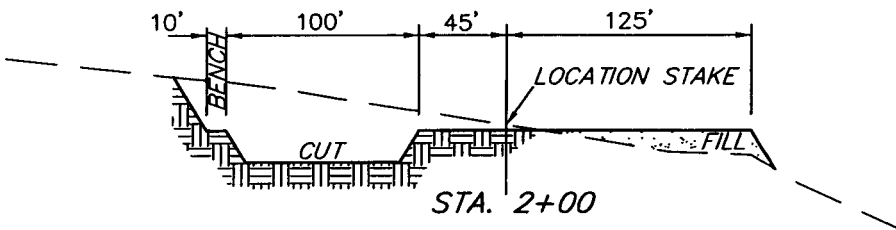
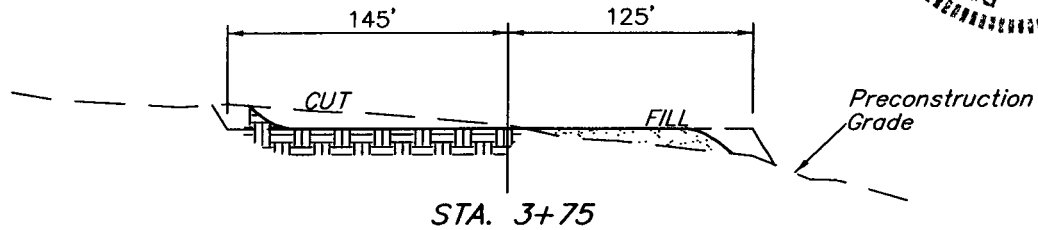
TYPICAL CROSS SECTIONS FOR

#5-16-36 BTR
SECTION 16, T3S, R6W, U.S.B.&M.
1899' FNL 672' FWL

FIGURE #2



DATE: 04-10-08
DRAWN BY: C.C.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

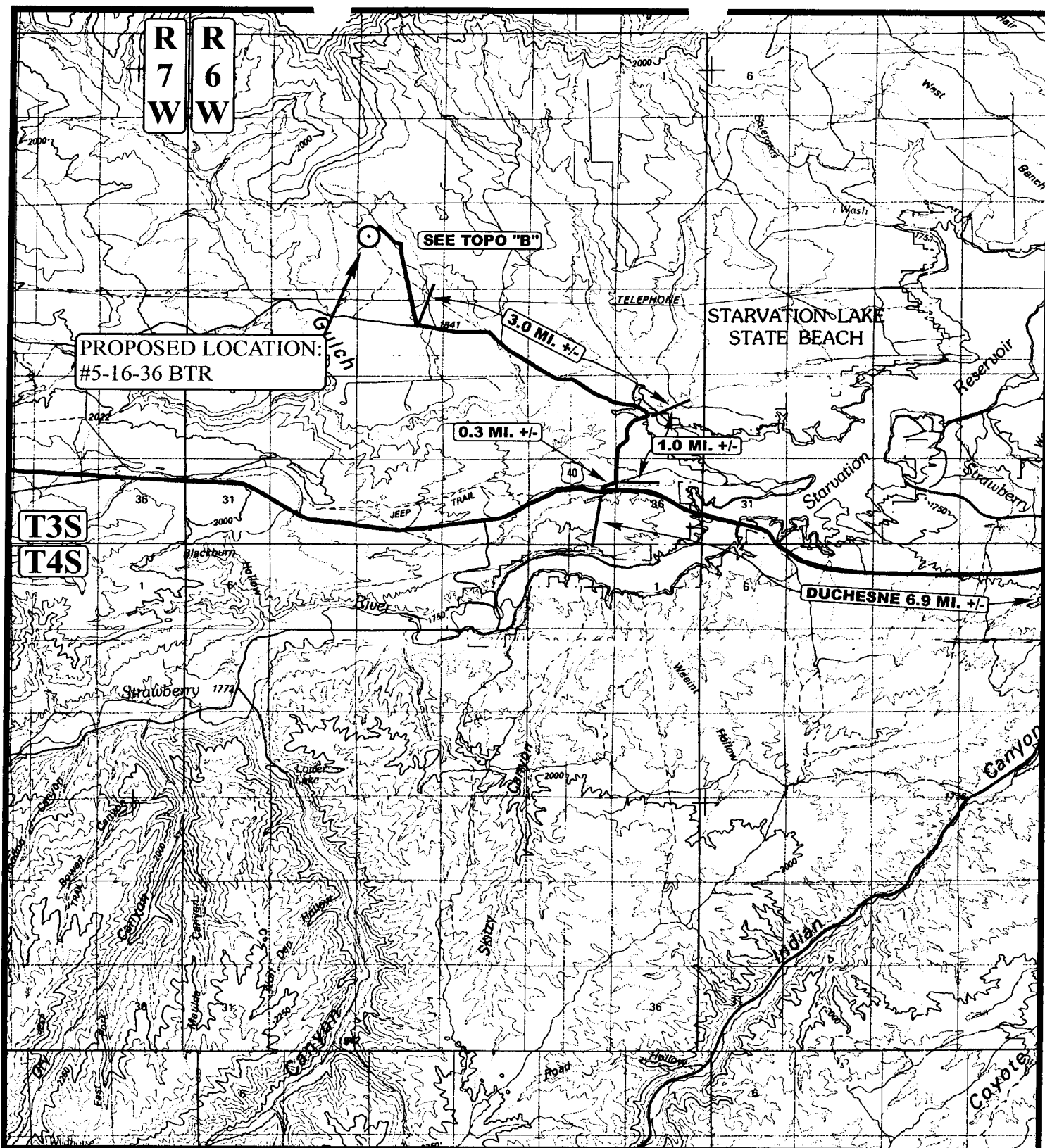
CUT		
(6") Topsoil Stripping	=	2,280 Cu. Yds.
Remaining Location	=	15,390 Cu. Yds.
TOTAL CUT	=	17,670 CU.YDS.
FILL	=	12,930 CU.YDS.

* NOTE:

FILL QUANTITY INCLUDES
5% FOR COMPACTION

EXCESS MATERIAL	=	4,740	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	4,740	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0	Cu. Yds.

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LEGEND:

○ PROPOSED LOCATION



BILL BARRETT CORPORATION

#5-16-36 BTR

SECTION 16, T3S, R6W, U.S.B.&M.

1899' FNL 672' FWL



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TOPOGRAPHIC
MAP

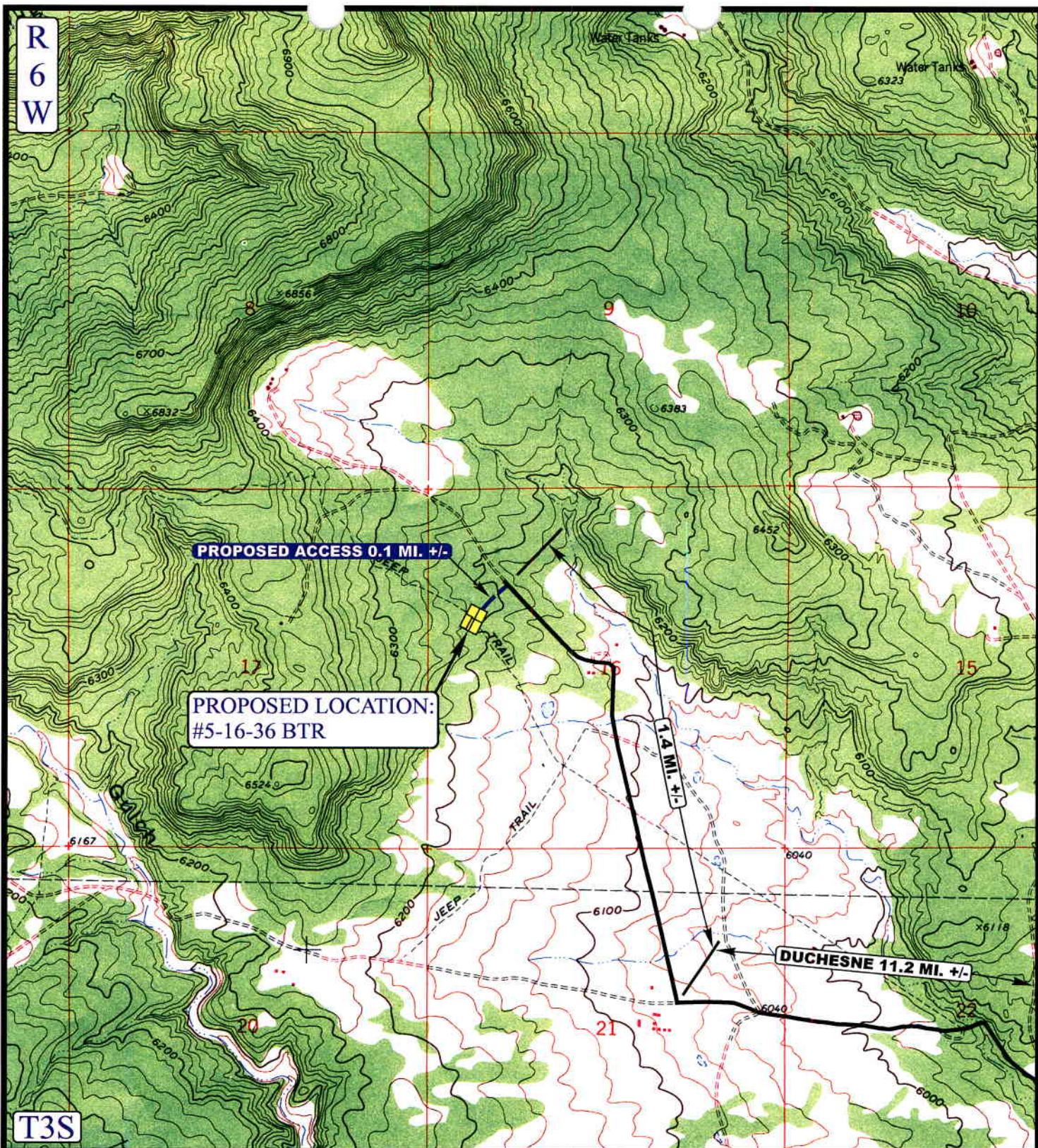
4 15 08
MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: G.L.

REVISED: 00-00-00





LEGEND:

----- PROPOSED ACCESS ROAD
 ----- EXISTING ROAD

BILL BARRETT CORPORATION

#5-16-36 BTR
 SECTION 16, T3S, R6W, U.S.B.&M.
 1899' FNL 672' FWL



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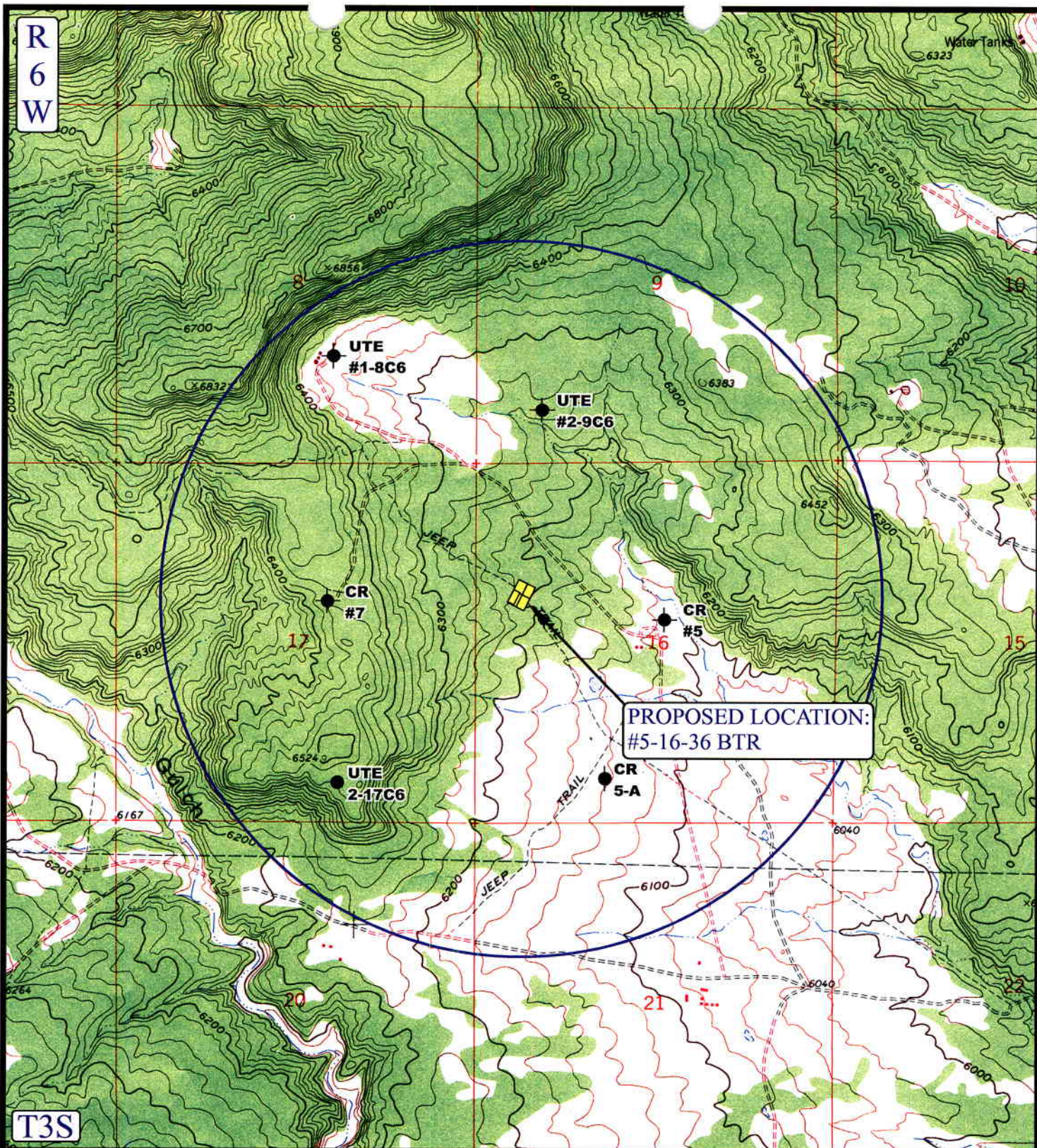
**TOPOGRAPHIC
 MAP**

4 15 08
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: GL. REVISED: 00-00-00



R
6
W



T3S

LEGEND:

- | | |
|-------------------|-------------------------|
| ○ DISPOSAL WELLS | ○ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



BILL BARRETT CORPORATION

#5-16-36 BTR
SECTION 16, T3S, R6W, U.S.B.&M.
1899' FNL 672' FWL

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TOPOGRAPHIC
MAP

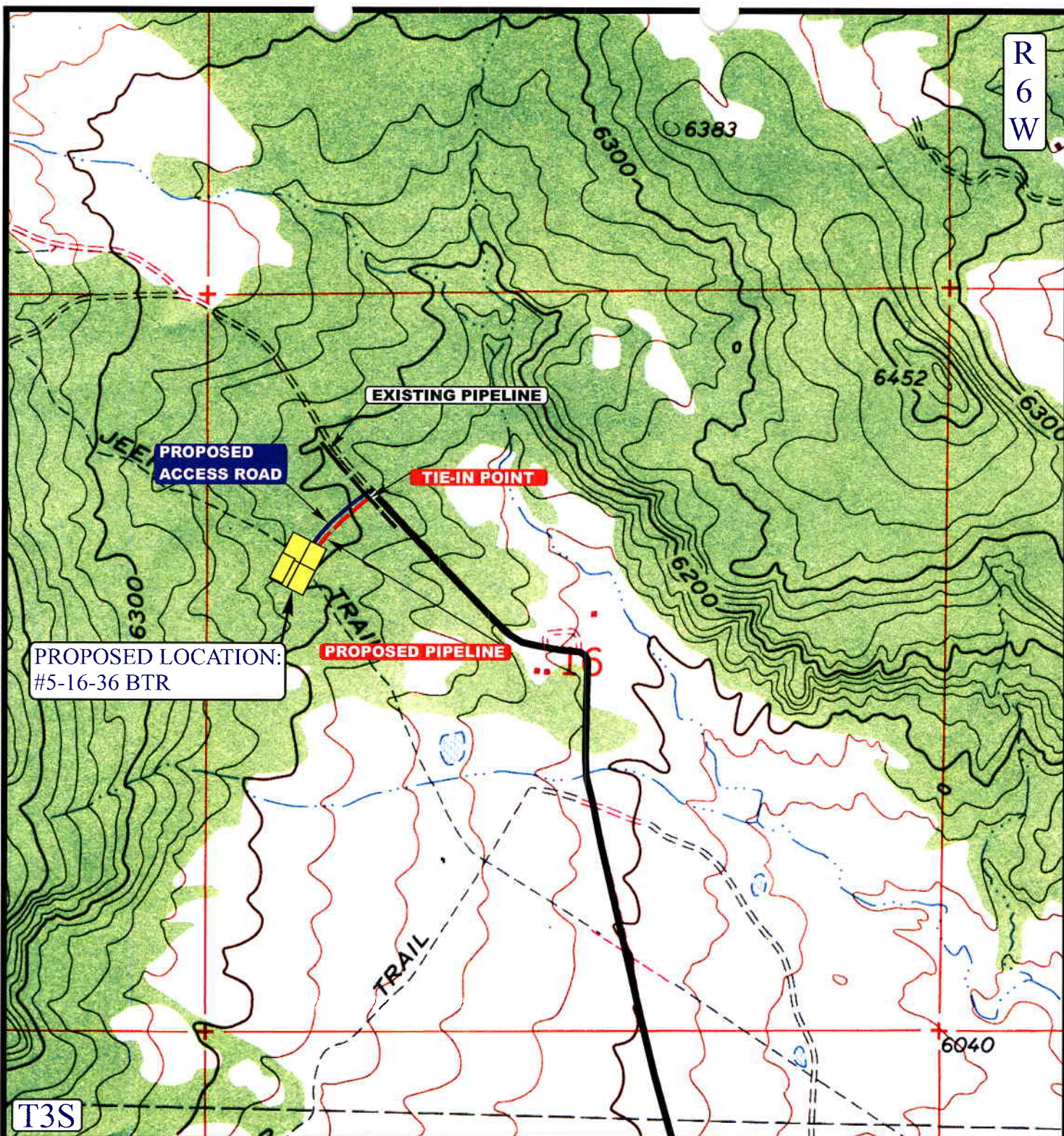
4 15 08
MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: G.L.

REVISED: 00-00-00

C
TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 549' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



BILL BARRETT CORPORATION

#5-16-36 BTR

SECTION 16, T3S, R6W, U.S.B.&M.

1899' FNL 672' FWL



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**TOPOGRAPHIC
MAP**

4 1508
MONTH DAY YEAR

SCALE: 1" = 1000'

DRAWN BY: GL.

REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/29/2008

API NO. ASSIGNED: 43-013-33970

WELL NAME: 5-16-36 BTR

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303-312-8546

CONTACT: REED HADDOCK

PROPOSED LOCATION:

SWNW 16 030S 060W

SURFACE: 1899 FNL 0672 FWL

BOTTOM: 1899 FNL 0672 FWL

COUNTY: DUCHESNE

LATITUDE: 40.22179 LONGITUDE: -110.5746

UTM SURF EASTINGS: 536195 NORTHINGS: 4452250

FIELD NAME: CEDAR RIM (80)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 20G0005608

PROPOSED FORMATION: NHORN

SURFACE OWNER: 4 - Fee

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[2] Sta[] Fee[]
(No. WYB000040)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

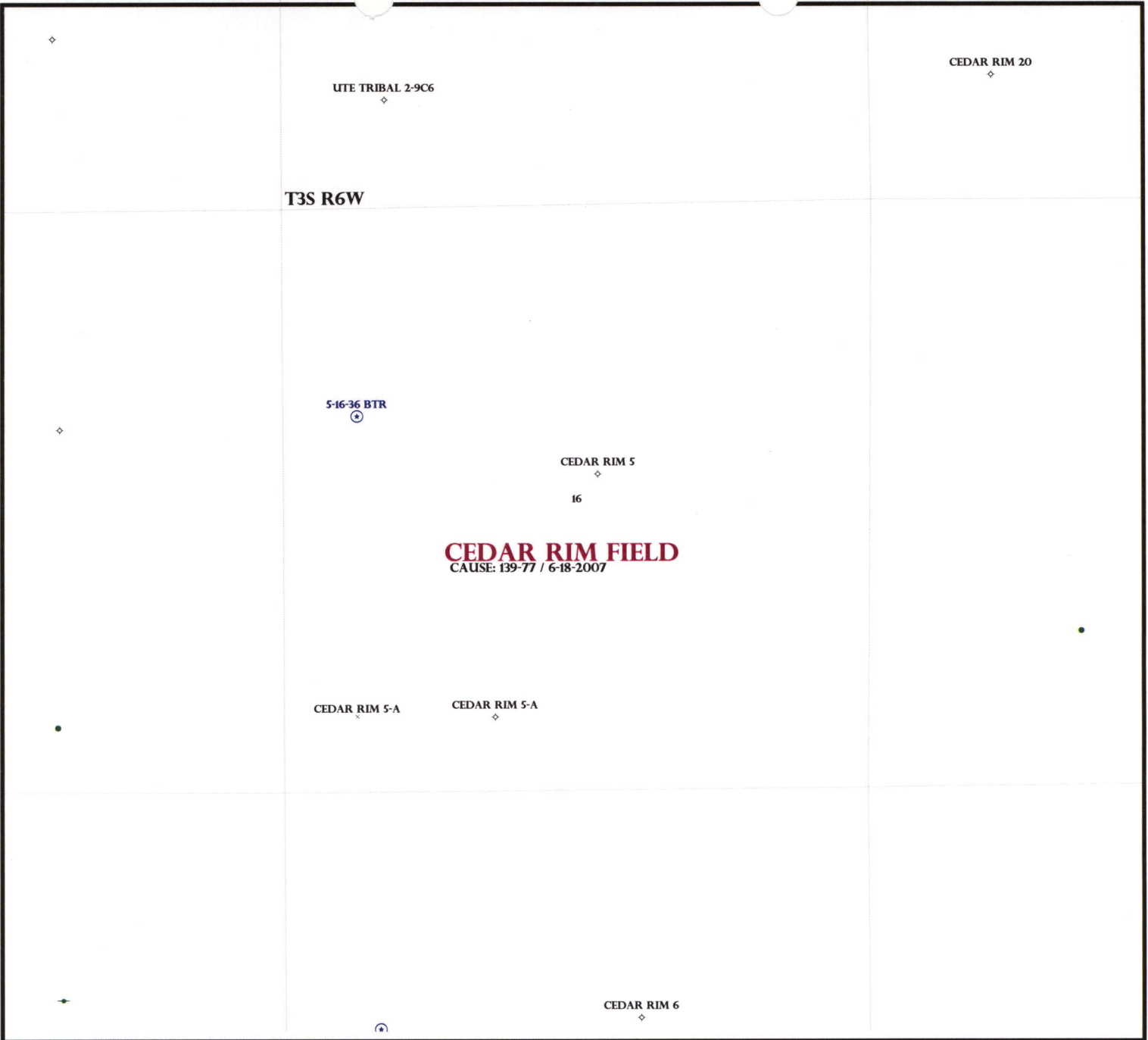
___ R649-2-3.
Unit: _____
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 139-77
Eff Date: 6-18-2007
Siting: 460' for u bary & 1320' for other wells.
___ R649-3-11. Directional Drill

COMMENTS:

Needs Push (04-09-08)

STIPULATIONS:

1- Lease Approval
2- STATEMENT OF BASIS



OPERATOR: BILL BARRETT CORP (N2165)

SEC: 16 T.3S R. 6W

FIELD: CEDER RIM (80)

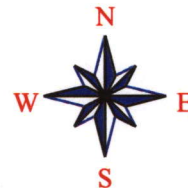
COUNTY: DUCHESNE

CAUSE: 139-77 / 6-18-2007

- Field Status**
- ABANDONED
 - ACTIVE
 - COMBINED
 - INACTIVE
 - PROPOSED
 - STORAGE
 - TERMINATED

- Unit Status**
- EXPLORATORY
 - GAS STORAGE
 - NF PP OIL
 - NF SECONDARY
 - PENDING
 - PI OIL
 - PP GAS
 - PP GEOTHERML
 - PP OIL
 - SECONDARY
 - TERMINATED

- Wells Status**
- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
 - DRILLING



PREPARED BY: DIANA MASON
DATE: 01-MAY-2008

Application for Permit to Drill

Statement of Basis

9/17/2008

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
948	43-013-33970-00-00		OW	P	No
Operator	BILL BARRETT CORP	Surface Owner-APD			
Well Name	5-16-36 BTR	Unit			
Field	CEDAR RIM	Type of Work			
Location	SWNW 16 3S 6W U 1899 FNL 672 FWL GPS Coord (UTM) 536195E 4452250N				

Geologic Statement of Basis

The mineral rights for the proposed well are owned by the Ute Tribe. The BLM will be the agency responsible for evaluating and approving the drilling casing and cement programs.

Brad Hill

9/17/2008

APD Evaluator

Date / Time

Surface Statement of Basis

A presite visit was scheduled and done by the Roosevelt Field Office with interested parties to take comments and address issues for the construction and drilling of this well. The Utah Division of Wildlife Resources was shown as the landowner of record and was therefore invited to the presites; both Ben Williams and Pat Rainbolt attended the presite for DWR. The BLM was also invited because the minerals were Ute Tribal and Daniel Emmett was in attendance. Fred Goodrich represented Bill Barrett and brought along his dirt contractor and pipeline construction crew to address issues concerning the construction of the roads, location and pipelines.

Barrett was told by DWR they could lay their pipelines along the access road on the surface if the lines were eight inches or less in diameter. The access road in does not indicate any drainage problems. There is, however, a shallow drainage along the southern portion of the location that needs re-routed and to the northeast and around the location. The reserve pit shall be lined with a 16 mil liner and have a pad installed under it to prevent seepage of the drilling fluids, as the into area has evidence of sandstone legs that may well require blasting. UDWR also requested a drilling window between November 15th through April 15th for this location because the area is crucial mule deer winter range. They have, however, stipulated in their landowner agreement with Barrett

Dennis Ingram

9/9/2008

Onsite Evaluator

Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name 5-16-36 BTR
API Number 43-013-33970-0 **APD No** 948 **Field/Unit** CEDAR RIM
Location: 1/4,1/4 SWNW **Sec** 16 **Tw** 3S **Rng** 6W 1899 FNL 672 FWL
GPS Coord (UTM) 536189 4452250 **Surface Owner**

Participants

Fred Goodrich (Bill Barrett); Roger Mitchell (Dirt Contractor); Byron Getchell (Bill Barrett); Todd Shelton (Pipeline contractor); Daniel Emmett (BLM); Ben Williams (DWR); Pat Rainbolt (DWR); Dennis L. Ingram (DOGM);

Regional/Local Setting & Topography

Proposed wellsite approximately 6.9 miles west of Duchesne Utah along U.S. Highway 40, then turn north at the main Rabbit Gulch access road for 1.3 miles, then take the westerly fork north of Rabbit Gulch for another 3.0 miles, then north toward Blacktail Ridge for another 1.4 miles where the new stating turns south for 0.1 miles into location. Blacktail Ridge is the most notable landmark in the immediate area, with the uphill slope to that mountain beginning approximately 0.3 miles to the north. Those rocky, sandstone ledges or shelves that lead onto Blacktail Ridge are found to the north and west as a secondary ridge fingers off Blacktail to the south. The immediate area surrounding the location is shelf like benches that slope to the east/southeast toward Rabbit Gulch, which is located 3.5 miles to the south. Most of the benches and shelf's are broken up or bordered by sandstone outcroppings that are commonly found in this area, much like the surface on the south side of the Book Cliffs.

Surface Use Plan

Current Surface Use

Deer Winter Range

New Road

Miles	Well Pad		Src Const Material	Surface Formation
0.1	Width 270	Length 375	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Pinyon Juniper region with sagebrush, rabbit brush, Winter fat, four wing and other browse--looks like the area has been chained and revegetated for wildlife, (reclamation seed mix was given to operator for reserve pit and surface for reseed when reclamation is done); Crucial mule deer and elk winter range, mountain lion and bobcat habitat, coyote and smaller mammals native to region.

Soil Type and Characteristics

Tan, fine-grained sandy-loam with some clays and underlying sandstone shelf type rock.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

Shallow drainage enters from northwest and will be diverted to the east

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y

Paleo Potential Observed? N

Cultural Survey Run? Y

Cultural Resources? N

Reserve Pit

Site-Specific Factors

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Unknown	10

Final Score 25 1 Sensitivity Level

Characteristics / Requirements

Reserve pit proposed in cut along west side of location and measuring 100' x 200' x 8' deep, with prevailing winds that will carry any gas from wellbore away from the pit.

Closed Loop Mud Required? N

Liner Required? Y

Liner Thickness 16

Pit Underlayment Required? Y

Other Observations / Comments

Access road was brought in from the northeast. Again, a DWR representative was with Barrett when the location was staked and was placed in the best suitable place for wildlife. DWR requester winter closure for drilling activities from November 15th through April 15th but allowed winter drilling for additional fees. DWR also gave Barrett a seed mix for reclamation on the reserve pit and/or location when they put it back. The pipeline right of ways was staked along access road. DWR again told Barrett they could use an eight-inch or less pipeline on the surface or bury it if they went larger. Shallow drainage cuts across southern portion of location, will re-route this drainage to the northeast around location.

Dennis Ingram

Evaluator

9/9/2008

Date / Time



May 9, 2008

Utah Division of Oil, Gas and Mining
P.O. Box 145801
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

4-30-36 BTR; # 5-16-36 BTR; # 16-13-36 BTR; # 13-26-36 BTR; # 5-29-36 BTR; and
the # 14-30-36 BTR pipeline

Utah Division of Wildlife Resources Surface/Tribal Minerals
Sections 13, 16, 26, 29, 30, T3S, R6W
Duchesne County, Utah

Diana Mason, Environmental Scientist I:

Enclosed please find a copy of Montgomery Archeological Consultants report dated May 1, 2008, and identified as "MOAC Report No. 08-094". The report states that "no historic properties affected" for all locations mentioned above.

If you have any other questions, please refer to Bill Barrett's Bill Barrett Corporation's (BBC) letter date April 25, 2008 submitting the Application for Permit to Drill (APDs) for the above mentioned wells.

Please contact me at (303) 312-8546 if you need anything additional or have any questions.

Sincerely,

Reed Haddock
Permit Analyst

Enclosures

RECEIVED

MAY 13 2008

DIV. OF OIL, GAS & MINING

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

CULTURAL RESOURCE INVENTORY
OF BILL BARRETT CORPORATION'S PROPOSED
BTR 5-16-36, 16-23-36, 13-26-36, 5-29-36
AND 4-30-36 WELL LOCATIONS AND 14-30-36 PIPELINE
(TOWNSHIP 3S, RANGE 6W, SECS. 23, 26, 29, 30)
DUCHESNE COUNTY, UTAH

Jacki A. Montgomery

CULTURAL RESOURCE INVENTORY
OF BILL BARRETT CORPORATION'S PROPOSED
BTR 5-16-36, 16-23-36, 13-26-36, 5-29-36
AND 4-30-36 WELL LOCATIONS AND 14-30-36 PIPELINE
(TOWNSHIP 3S, RANGE 6W, SECS. 23, 26, 29, 30)
DUCHESNE COUNTY, UTAH

By:

Jacki A. Montgomery

Prepared For:

State of Utah
Division of Wildlife Resources
Salt Lake City

Prepared Under Contract With:

Bill Barrett Corporation
1099 18th Street, Suite 2300
Denver, CO 80202

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 08-094

May 1, 2008

United States Department of Interior (FLPMA)
Permit No. 07-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-08-MQ-0305p,s

ABSTRACT

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in April 2008 for Bill Barrett Corporation's (BBC) proposed Blacktail Ridge (BTR) well locations with associated access/pipeline corridor and 14-30-36 pipeline. The well locations are designated 5-16-36, 16-13-36, 13-26-36, 5-29-36 and 4-30-36. The project area is located approximately 10 miles west of Duchesne and north of US Highway 40, Duchesne County, Utah. A total of 171.9 acres was surveyed for cultural resources, of which 147.5 acres occurs on land managed by State of Utah Division of Wildlife Resources and 24.4 acres lies on private property.

The inventory resulted in the location of a previously recorded historic site (42Dc1357) and the documentation of a prehistoric site (42Dc2453). Site 42Dc1357, the Victory Highway, has been evaluated as eligible to the NRHP under Criterion A, important to the history of the region. Newly recorded site 42Dc2453 is a prehistoric temporary camp that contains chipped stone and ground stone implements associated with three firecracked rock features. Several of the features contain evidence of charcoal-stained sediments with potential for C14, pollen, and macrofossil samples. The site displays good potential for additional subsurface cultural materials. Therefore, the site is recommended eligible for inclusion to the NRHP under Criterion D because it is likely to address such research domains as cultural affiliation, lithic technology, subsistence strategies, and land use patterns. Criteria A through C fail to apply to this site.

In summary, the inventory of BBC's proposed BTR well locations and associated access/pipeline routes resulted in the location of a previously recorded historic site (42Dc1357) and the documentation of a prehistoric site (42Dc2453). Site 42Dc1357, the Victory Highway, has been evaluated as eligible to the NRHP under Criterion A (important to the history of the region). The undertaking will not alter the characteristics of this historic property that qualifies it for inclusion to the NRHP. Newly recorded site 42Dc2453, a prehistoric temporary camp, is recommended eligible for inclusion to the NRHP under Criterion D (important to the prehistory of the region). This site is situated along the edge of the pipeline/access corridor in Township 3S, Range 6W, Section 32, and will be avoided by construction activities. Based on the findings, a recommendation of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

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2. Inventory Area of Bill Barrett Corporation's BTR Well Locations with Access/Pipeline Corridors	4

INTRODUCTION

A cultural resource inventory was conducted by Montgomery Archaeological Consultants, Inc. (MOAC) in April 2008 for Bill Barrett Corporation's (BBC) proposed Blacktail Ridge (BTR) well locations with associated access/pipeline corridor and 14-30-36 pipeline. The well locations are designated 5-16-36, 16-13-36, 13-26-36, 5-29-36 and 4-30-36. The project area is located approximately 10 miles west of Duchesne and north of US Highway 40, Duchesne County, Utah. The survey was implemented at the request of Mr. Reed Haddock, Bill Barrett Corporation, Denver, Colorado. Land status is State of Utah Division of Wildlife Resources and private property.

The objective of the inventory was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventory was implemented to attain compliance with a number of federal and state mandates, including the National Environmental and Policy Act of 1969, the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978, and the Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on between April 16 and 20, 2008 by Christopher G. Roberts (Field Supervisor). The inventory was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 07-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-08-MQ-0305p,s issued to Montgomery Archaeological Consultants, Inc., Moab, Utah.

A file search for previous archaeological projects and cultural resources was conducted by Marty Thomas at the Division of State History, Salt Lake City, on April 16, 2008. This consultation indicated that several cultural resource inventories have been conducted in the vicinity of the project area and one previously recorded site (42Dc1357) has been documented within the current inventory area.

Table 1. Previous Cultural Resource Inventories.

Project No.	Company Name	Project Description	Sites in Current Project Area
U-82-NH-0507	Nickens and Associates	Archaeological Sample and Reconnaissance Survey on the Bonanza-UPALCO-Mona Transmission Line.	None
U-83-GC-0630	Grand River Consultants	Archaeological Survey for Koch Exploration's Five Well Locations.	None
U-84-GB-0164	Grand River Institute	CRI of Five Cedar Rim Wells & Related Access	None
U-86-CH-208	CASA	CRI of Three Wellpads and Associated Access Roads and Pipeline Corridors	None
U-86-SJ-071	Sagebrush Consultants	CRI of Two Well Pads for Santa Fe Energy Near Starvation Reservoir.	None
U-86-CH-346	CASA	CRI Cedar Rim 12A and 13A Well Pads	None

Project No.	Company Name	Project Description	Sites in Current Project Area
U-92-AF-338	AERC	CRI of a Pipeline Corridor in the Rabbit Gulch Locality.	None
U-96-MM-246	Metcalf Consultants	CRI of Coastal Oil & Gas Ute Tribal #2-31-C6	None
U-02-ST-423	SWCA,	Class III Cultural and Paleontological Resources Inventory of the UBTA/ UBET Communications Tabiona Turnoff to Duchesne Project Along US 40	42Dc1357
U-06-UQ-739	UDWR	CRI of Rabbitt Gulch Interseeding	None

DESCRIPTION OF PROJECT AREA

The project area is located west of the town of Duchesne between Sink Draw and Rabbit Gulch, Duchesne County, Utah. The legal description is Township 3 South, Range 6 West, Sections 16, 19, 23, 26, 27, 29, 30, and 32 (Table 2, Figures 1 and 2).

Table 2. BBC's Proposed BTR Well Locations and Pipeline

Well Designation	Legal Location	Access/Pipeline	Cultural Resources
5-16-36 BTR	T3S, R6W, Sec. 16 SW/NW	Access: 528 ft Pipeline: 528 ft	None
16-23-36 BTR	T3S, R6W, Sec. 23 SE/SE	Access: 1689 ft Pipeline: 1848 ft	None
13-26-36 BTR	T3S, R6W, Sec. 26 SW/SW	Access: 4805 ft Pipeline: 4488 ft	None
5-29-36 BTR	T3S, R6W, Sec. 29 SW/NW	Access: 3638 ft Pipeline: 3538 ft	None
4-30-36 BTR	T3S, R6W, Sec. 30 NW/NW	Access: 5227 ft Pipeline: 5174 ft	None
14-30-36 BTR Pipeline	T3S, R6W, Sec. 29, 30, and 32	Pipeline: 11,341	42Dc1357 42Dc2453

Environmental Setting

The project area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, and is the northernmost extension of the Colorado Plateau. Geologically, the area consists of the Tertiary age Uinta formation, which is basically "gravel, sand and silt washed south off the Uinta Mountains" (Chronic 1990:45). The area is characterized by steep-sided narrow ridges and benches dissected by intermittent drainages. Outcrops of the Uinta formation are characterized by a dense dendritic drainage pattern and topographic relief. This Eocene-age formation occurs as fluvial deposited interbedded sandstone and mudstone and is well-known for its fossil vertebrates.

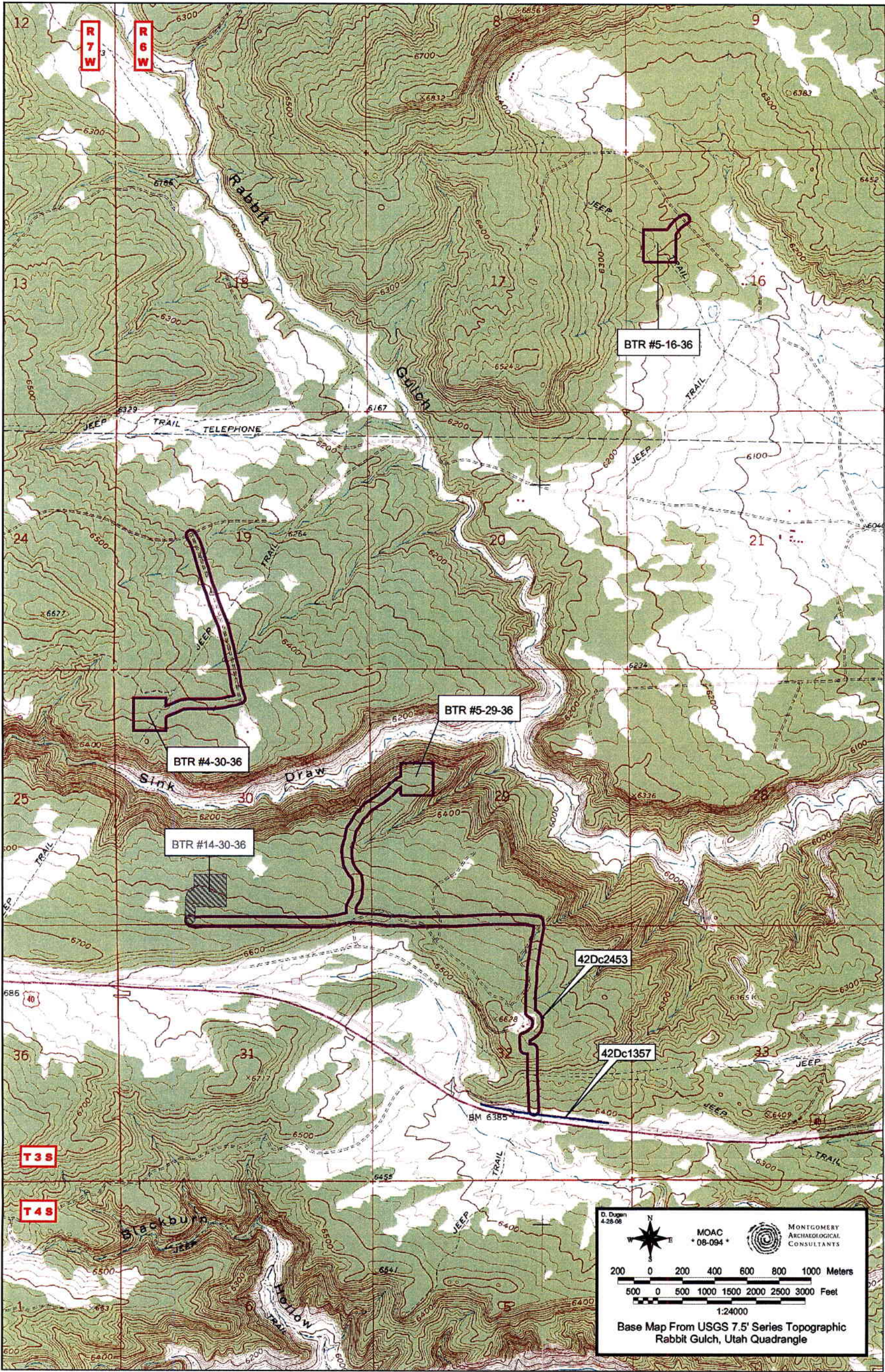


Figure 1. Inventory Area of Bill Barrett Corporation's BTR Well Locations and Pipeline Showing Sites 42Dc1357 and 42Dc2453.

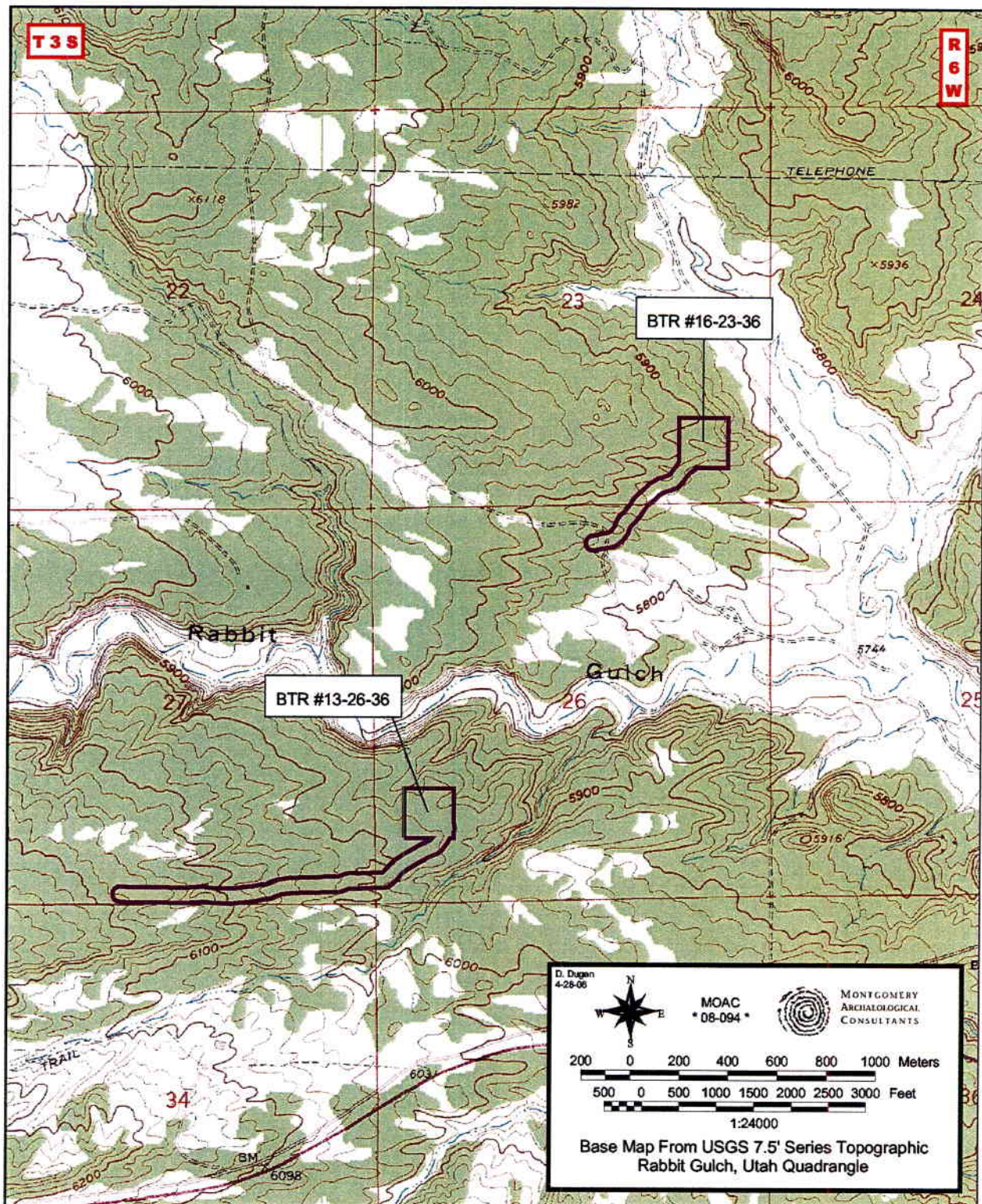


Figure 2. Inventory Area of Bill Barrett Corporation's BTR Well Locations with Access/Pipeline Corridors

Specifically, the project area extends north from US 40 to Rabbit Gulch. The elevation ranges from 5860 to 6660 ft asl. The depositional environment consists of residual silty-sand with exposed bedrock and a veneer of sandstone gravels and pebbles. The project area is in the Upper Sonoran lifezone, and vegetation communities include the pinyon-juniper woodland, mountain mahogany, low sagebrush, rabbitbrush, shadscale, cheatgrass, Indian ricegrass, prickly pear cactus, hedgehog cactus, yucca, and Indian paintbrush. Modern impacts include ranching activities, roads, recreational activities, and oil and gas development.

Cultural Overview

The cultural-chronological sequence represented in the area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000 - 8000 B.P.), characterized by the adaptation to terminal Pleistocene environments and by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points (ca. 12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate points (ca. 10,000 B.P. - 7000 B.P.). Near the project area, a variety of Plano Complex Paleoindian projectile points have been documented, including Goshen, Alberta, and Midland styles (Hauck 1998). No sites with evidence of Folsom lithic technology have previously been documented near the project area. Spangler (1995:332) reports that there are no sealed cultural deposits in association with extinct fauna or with chronologically distinct Paleoindian artifacts in Utah. Specifically in the Uinta Basin, few Paleoindian sites have been adequately documented, and most evidence of Paleoindian exploitation of the area is restricted to isolated projectile points recovered in nonstratigraphic contexts.

The Archaic stage (ca. 8000 B.P.-1500 B.P.) is characterized by the dependence on a foraging subsistence, with peoples seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types, and the development of the atlatl, perhaps in response to a need to pursue smaller and faster game (Holmer 1986). In the Uinta Basin, evidence of Early Archaic presence is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000-3000 B.C.) sites in the Basin include sand dune sites and rockshelters primarily clustered in the lower White River drainage (Spangler 1995:373). Early Archaic projectile points recovered from Uinta Basin contexts include: Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched, and Rocker Base Side-notched points.

Excavated sites in the area with Early Archaic components include Deluge Shelter in Dinosaur National Monument, and open campsites along the Green River and on the Diamond Mountain Plateau (Spangler 1995:374). The Middle Archaic era (ca. 3000-500 B.C.) is characterized by improved climatic conditions and an increase in human population on the northern Colorado Plateau. Several stratified Middle Archaic sites have been excavated and dozens of sites have been documented in the Uinta Basin. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile point. Subsistence data from Middle Archaic components indicate gathering and processing of plants as well as faunal exploitation (e.g., mule deer, antelope, bighorn sheep, cottontail rabbit, muskrat, prairie dog, beaver, and birds). The Late Archaic period (ca. 500 B.C.-A.D. 550) in the Uinta Basin is distinguished by the continuation of Elko Series projectile points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway. In the Uinta Basin, the earliest evidence of Late Archaic architecture occurs

at the Cockleburrr Wash Site (42Un1476) where a temporary structure, probably a brush shelter, yielded a date of 316 B.C. (Tucker 1986). The structure was probably associated with seasonal procurement of wild floral resources gathered along Cliff Creek.

The Formative stage (A.D. 500-1300) is recognized in the area as the Uinta Fremont as first defined by Marwitt (1970). This stage is characterized by a reliance upon domesticated corn and squash, increasing sedentism, and, in later periods, substantial habitation structures, pottery, and "bow and arrow" technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave, and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950. This variant is characterized by shallow, saucer-shaped pithouse structures with randomly placed postholes and off-center firepits, some of which were adobe-rimmed. Traits considered unique or predominate to the Uinta Basin include; calcite-tempered pottery, two-handled wide-mouth vessels, Utah type metates, the use of gilsonite for pottery repair, settlement on the tops of buttes, and large-shouldered bifaces (Shields 1970).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. Brown ware pottery appears to be the most reliable indicator of cultural affiliation since Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Utes appear to have been hunters and gatherers who exploited various fauna and flora resources. According to macrobotanical and faunal data from dated components, deer, elk, pronghorn, bison, and small game were acquired (Reed 1994:191). Plant materials thought to have been exploited for food include: goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds, and possibly saltbush seeds, knotweed, chokecherry, and chickweed (Reed 1994:191).

In historic times, documents reveal that on May 5, 1864, Congress passed a law confirming the 1861 executive order setting up the Uintah Reservation (Burton 1996:24). This treaty provided that the Ute people give up their land in central Utah and move within one year to the Uintah Reservation without compensation for loss of land and independence. The Uinta-ats (later called Tavaputs), PahVant, Tumpawanach, and some Cumumba and Sheberetch of Utah were gathered together at the Uintah agency during the late 1860s and early 1870s to form the Uintah Band (Burton 1996:18-19). In the 1880 treaty council the White River Utes, who had participated in the Meeker Massacre, were forced to sell all their lands in Colorado and were moved under armed escort to live on the Uintah Reservation (Callaway, Janetski, and Stewart 1986:339). Shortly thereafter, 361 Uncompahgre Utes were forced to sell their lands, and were relocated to the Ouray Reservation adjacent to the southern boundary of the Uintah Reservation. This area embraced a tract of land to the east and south of the Uintah Reservation below Ouray lying east and south of the Uintah Reservation and east of the Green River. A separate Indian Agency was established in 1881 with headquarters at Ouray, erected across the river from where the first military post, Fort Thornburgh was located. The infantry who participated in the relocation of the Colorado Indians ensured that the Uncompahgre and White River Utes remained on the two reservations (Burton 1996:28). The Dawes Severalty Act of 1887, opened the reservation to mineral exploration. When gilsonite was discovered in the Uinta Basin in the late 1800s, Congress was persuaded to apportion 7,040 acres from the reservation so the mineral could be mined.

The historic settling of Duchesne County is somewhat unique in the state of Utah in that it was not settled by Mormon pioneers, as early scouting parties had deemed the area unfit for settlers. Thus, the earliest permanent European settlements and associated developments within the Uinta Basin were established by the U.S. Army during the 1880s. The two most significant settlements built during this time were Fort Thornburg (in Uintah County) and Fort Duchesne (Duchesne County), soldiers were quickly put to work in the construction of freight roads that connected these forts to established settlements in Wyoming, and also to the towns and markets of northern Utah. During the 1880s, the area was gradually opened up for settlement with the granting of 160 acre parcels under the Homestead Act. Myton, located to the northeast of the project area, started as a trading post on the Uintah Indian Reservation sometime in the mid-1880s. The trading post served a small segment of the Indian population until 1886, when the army constructed a bridge over the Duchesne River (Barton 1998:154). Myton, originally known as Bridge, quickly changed from a small bustling way-station and Indian trading post, to a town of tents and a few wooden buildings, prior to the opening of the Uintah Indian Reservation around 1905. The growth of Myton was facilitated by the completion of the supply route that ran through the natural corridor of Nine Mile Canyon. The settlement attracted people from various parts of the world including Denmark, England, Switzerland, Sweden, Wales, and Germany, as well as many states of the Union (Ibid 156).

The business of freighting was given an added boost with the establishment of the Uinta Basin's gilsonite industry. Gilsonite occurs in both a solid and semi-solid state having the structure of hydrocarbon, but is more specifically a bitumen, and is a mineral that has a wide variety of uses (Remington 1959: 283). Gilsonite mines that developed within the Uinta Basin enabled Price-Myton freighters to capitalize on a two-way commerce system, as Watt (1997: 32) states, "Freighters could load their empty [supply] wagons with 200-pound burlap bags of gilsonite for the return trip to Price, where the bags were loaded onto rail cars and shipped east." In 1905, the Uintah Railway set out to capture the gilsonite trade and so constructed a spur from Mack, Colorado, to Dragon, Utah. This new rail network supplied most of Uinta Basin's transportation needs, signaling the beginning of the end for the freight trade along the Price-Myton route. However, the road was still used for another ten years, albeit at lesser scale, with the government's decision to open the Ute Indian reservation to settlement. Furthermore, Duchesne residents, unhappy with their mail service provided by the Uintah Railway, pushed for the reestablishment of a Vernal - Price route through Nine Mile Canyon. As a result of this request, postal officials began operating a mail and stage line that followed the old freight trade route. However, this lasted for only two years when an alternate route between Vernal and Colton (via Indian Canyon further to the north) was established (Burton 1996: 219). The fort itself was dismantled in 1910.

Livestock was a primary industry in the region from early on, along with agriculture, timbering, mining, bee keeping, and freighting (Burton 1996). Most of the early Mormon settlers had only a few head of cattle that were grazed in cooperative herds on shared pasture lands. However, large herds of cattle had been seasonally grazed in the region from as early as the 1850s (Ibid 108). Before the early 1930s, grazing in the Tavaputs Plateau region, at the southern edge of the Uinta Basin, was mostly unregulated. This, combined with the lush grassland environment of the area at the time, attracted many ranchers with their cattle, horses, and sheep (Barton 1998). By 1893, a record number of cattle were being sold. Sheep quickly became an important commodity, after their introduction to the region in 1879, and by the early 1890s, more sheep were being ranged in the region than cattle (Burton 1996). By 1935, herds of both cattle and sheep were being decreased to halt overgrazing.

The current project area lies just north of the Strawberry River, one of the major rivers in the western Uinta Basin. It flows eastward from the Wasatch Mountains and joins the Duchesne River just west of the town of Duchesne. In 1970, three miles northwest of Duchesne, a reservoir was constructed that incorporated the Strawberry River, Current Creek, and Rock Creek. It was constructed to provide a dependable water supply to the farmers of Pleasant Valley, Myton, and Bridgeland, Utah. This reservoir, darkly named Starvation Reservoir after a severe blizzard that resulted in the death of an entire herd of cattle in the area during Duchesne's early history, has brought life-saving water to many communities of the area ever since. The reservoir covers a vast area that holds 165,000 acres of water and fills much of the Strawberry River Valley just north of its junction with the Duchesne River (Barton 1998: 326-27).

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the proposed well locations a 10 acre parcel was identified, centered on the well pad center stake. The location was then surveyed by the archaeologist walking parallel transects spaced no more than 10 m (33 ft) apart. The proposed pipeline/access corridors were surveyed to a width of 61 m (200 ft) employing the same methods. Ground visibility was considered good. A total of 171.9 acres was surveyed for cultural resources, of which 147.5 acres occurs on land managed by State of Utah Division of Wildlife Resources and 24.4 acres lies on private property.

INVENTORY RESULTS

The inventory of BBC's proposed BTR well locations and pipeline resulted in a previously recorded historic site (42Dc1357) and the documentation of a prehistoric site (42Dc2453).

Smithsonian Site No.: 42Dc1357

Temporary Site No.: N/A

Land Status: State of Utah (UDOT R-O-W)

NRHP Eligibility: Eligible, Criterion A

Description: This site was originally documented in 2002 by SWCA Environmental Consultants (Hutmacher 2003). The Victory Highway (since renamed US 40) was the first all-weather, direct transcontinental route across the United States. The original highway was approximately 3,022 miles long, dedicated to WWI veterans. The construction of what would later become the Victory Highway in eastern Utah originally began in the 1880s as part of several nameless, local transportation routes across the Uinta Basin. The Victory Highway became part of the highway system in 1926 and by the late 1930s, the highway was paved from Vernal east and connected to the paved portion in Colorado. It has been continuously improved since then.

Within the current project (South 1/2, Section 32, Township 3S, Range 6W) site 42Dc1357 (Highway Remnant #1) has been documented by SWCA along the north side of US 40. The width of the berm and highway ballast is approximately 10 to 12 ft. The maximum thickness of the asphalt in those exposed areas is about 2 to 2 inches. Documented road features consist of three steel and concrete culverts (Culverts #11, #12 and #13). The Victory Highway is evaluated as eligible to the NRHP under Criterion A, since it has made major contributions not only to the development of transportation through the Uinta Basin, but also to tourism across Utah and the United States.

Smithsonian Site No.: 42Dc2453
Temporary Site No.: 08-094-CR1
Land Status: Private
NRHP Eligibility: Eligible, Criterion D

Description: This is a prehistoric temporary camp situated on a northwest ridge slope in the Strawberry River valley. Vegetation is dominated by a pinyon-juniper woodland and soil consists of silty sand braided with small drainages and rills. Cultural remains consists of debitage, chipped stone and ground stone tools, and firecracked rock features. Debitage (N=3) is dominated by primary flakes manufactured from quartzite river cobbles. Tools consist of a hammerstone, a single-handed mano, and a broken metate. Feature A (0.86 x 0.95 m) is a firecracked rock concentration containing oxidized and broken sandstone rock fragments. Associated with the feature was charcoal stained sediments, a mano (Tool 2), a hammerstone (Tool 3), and two flakes. Feature B, a firecracked rock concentration, contains highly oxidized sandstone rock fragments measuring 2.7 x 1.58 m. No dark sediments were observed, however, a broken metate (Tool 1) occurs 1 m northwest of the feature. The third firecracked rock concentration (Feature C) contains highly oxidized sandstone rock fragments and dark soil in a 1.6 x 2.3 m area. The site appears to be a resource processing camp of unknown aboriginal affiliation.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory resulted in the location of a previously recorded historic site (42Dc1357) and the documentation of a prehistoric site (42Dc2453). Site 42Dc1357, the Victory Highway, has been evaluated as eligible to the NRHP under Criterion A, important to the history of the region. Newly recorded site 42Dc2453 is a prehistoric temporary camp that contains chipped stone and ground stone implements associated with three firecracked rock features. Several of the features contain evidence of charcoal-stained sediments with potential for C14, pollen, and macrofossil samples. The site displays good potential for additional subsurface cultural materials. Therefore, the site is recommended eligible for inclusion to the NRHP under Criterion D because it is likely to address such research domains as cultural affiliation, lithic technology, subsistence strategies, and land use patterns. Criteria A through C fail to apply to this site.

MANAGEMENT RECOMMENDATIONS

The inventory Bill Barrett Corporation's proposed BTR 5-16-36, 16-13-36, 13-26-36, 5-29-36 and 4-30-36 well locations with associated access/pipeline routes and 14-30-36 pipeline resulted in the location of a previously recorded historic site (42Dc1357) and the documentation of a prehistoric site (42Dc2453). Site 42Dc1357, the Victory Highway, has been evaluated as eligible to the NRHP under Criterion A (important to the history of the region). The undertaking will not alter the characteristics of this historic property that qualifies it for inclusion to the NRHP. Newly recorded site 42Dc2453, a prehistoric temporary camp, is recommended eligible for inclusion to the NRHP under Criterion D (important to the prehistory of the region). This site is situated along the edge of the pipeline/access corridor in Township 3S, Range 6W, Section 32, and will be avoided by construction activities. Based on the findings, a recommendation of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

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APPENDIX A:

INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS)
SITE INVENTORY FORM
(42Dc2453)
On File At:

Utah Division of State History
Salt Lake City, Utah



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 17, 2008

Bill Barrett Corporation
1099 18th St., Ste. 2300
Denver, CO 80202

Re: 5-16-36 BTR Well, 1899' FNL, 672' FWL, SW NW, Sec. 16, T. 3 South, R. 6 West,
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33970.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Bill Barrett Corporation
Well Name & Number 5-16-36 BTR
API Number: 43-013-33970
Lease: 2OG0005608

Location: SW NW Sec. 16 T. 3 South R. 6 West

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
RECEIVED
VERNAL FIELD OFFICE**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. BIA-EDA-20G0005608
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name ute Indian Tribe
2. Name of Operator Bill Barrett Corporation		7. If Unit or CA Agreement, Name and No. N/A
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80202	3b. Phone No. (include area code) (303) 312-8546	8. Lease Name and Well No. 15-16-36 BTR
9. API Well No. Pending 43 013 33970		10. Field and Pool, or Exploratory Altamont
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface SW/4 NW/4, 1899' FNL x 672' FWL, Sec. 16, T3S, R6W At proposed prod. zone SW/4 NW/4, 1899' FNL x 672' FWL, Sec. 16, T3S, R6W		11. Sec., T. R. M. or Blk. and Survey or Arca Sec. 16, T3S, R6W U.S.B.&M.
14. Distance in miles and direction from nearest town or post office* Approximately 12.7 miles northwest of Duchesne, UT		12. County or Parish Duchesne
15. Distance from proposed* 672' SHL location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)		13. State UT
16. No. of acres in lease N/A		17. Spacing Unit dedicated to this well 640
18. Distance from proposed location* 2,100' abandoned oil well to nearest well, drilling, completed, applied for, on this lease, ft.		20. BLM/BIA Bond No. on file Nationwide Bond # WYB000040
19. Proposed Depth 11,543'		21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6208' Ungraded Ground
22. Approximate date work will start* 08/01/2008		23. Estimated duration 45 days
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature <i>Reed Haddock</i>	Name (Printed/Typed) Reed Haddock	Date 04/25/2008
Title Permit Analyst		

Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) <i>JEFF KENZIE</i>	Date OCT 02 2008
Title Assistant Field Manager Lands & Mineral Resources		Office VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RECEIVED**OCT 29 2008**

DIV. OF OIL, GAS & MINING

WDGEM
NOTICE OF APPROVAL**CONDITIONS OF APPROVAL ATTACHED**



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Bill Barrett Corporation
Well No: 5-16-36 BTR
API No: 43-013-33970

Location: SWNW, Sec. 16, T3S, R6W
Lease No: 2OG0005608
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity	- The Ute Tribe Energy & Minerals Dept. shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- None

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- BBC shall notify the authorized officer 24 hours prior to implementing the "contingency" plan.
- The running, setting, and testing of the liner shall be in accordance with Onshore Order #2-Drilling Operations
- All BOPE including the choke manifold shall be rated for 5M
- Casing shoe integrity tests shall be performed on all shoes prior to drilling on more than 20'.
- The production casing cement top shall be a minimum of 200' above the surface shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid,

and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.
BIA-EDA-20G0005608

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bill Barrett Corporation

3a. Address
1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8546

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1899' FNL x 672' FWL
SWNW, Section 16, T3S, R6W

11. Country or Parish, State
Duchesne County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) request permission to change our casing design to 3,000' of 9-5/8" surface followed by 5-1/2" 17.0# P-110 to TD. BBC will be changing the casing design to account for the shallow lost circulation zones we expect to encounter. The 3,000' of surface casing will allow us to isolate the production hole interval from these shallow lost circulation zones.

Attached find a revised surface and production casing design and revised cement volumes for both the surface and production hole. If you have any questions please call BBC's Drilling Engineer, Dominic Spencer at (303) 312-8164.

COPY SENT TO OPERATOR

Date: 12.4.2008

Initials: KS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Date 11/11/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title Pet. Eng.

Date 11/26/08

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Dogm

Federal Approval Of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

NOV 18 2008

DIV. OF OIL, GAS & MINING

Well name:	BTR General
Operator:	Bill Barrett Corporation
String type:	Surface
Location:	SWNW Sec. 21, T3S-R6W, Duchesne Co., UT

Design parameters:
Collapse

Mud weight: 8.80 ppg

Design is based on evacuated pipe.

Minimum design factors:
Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 60.00 °F
Bottom hole temperature: 97 °F
Temperature gradient: 1.22 °F/100ft
Minimum section length: 150 ft

Cement top: Surface

Burst

Max anticipated surface

pressure: 1,085 psi
Internal gradient: 0.22 psi/ft
Calculated BHP 1,745 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.80 (J)
Premium: 1.80 (J)
Body yield: 1.80 (B)

Tension is based on buoyed weight.
Neutral point: 2,608 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 10,985 ft
Next mud weight: 10.600 ppg
Next setting BHP: 6,049 psi
Fracture mud wt: 11.200 ppg
Fracture depth: 3,000 ft
Injection pressure 1,745 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	3000	9.625	36	J-55	ST&C	3000	3000	8.765	232
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1371	2020	1.473	1745	3520	2.017	119	394	3.311

Prepared Dominic Spencer
by: Bill Barrett

Phone: (303) 312-8164
FAX: (303) 291-0420

Date: June-19 2008
Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 3000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name: **BTR General**
 Operator: **Bill Barrett Corporation**
 String type: **Production**
 Location: **Duchesne County, UT**

Design parameters:

Collapse

Mud weight: 10.60 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 70.00 °F
 Bottom hole temperature: 186 °F
 Temperature gradient: 1.22 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 2,000 ft

Burst

Max anticipated surface pressure: 3,141 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 5,231 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.80 (J)
 Premium: 1.80 (J)
 Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 7,973 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	9500	5.5	17.00	P-110	LT&C	9500	9500	4.767	327.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5231	7480	1.430	5231	10640	2.03	136	445	3.28 J

Prepared Dominic Spencer
 by: Bill Barrett

Phone: (303) 312-8164
 FAX: (303) 291-0420

Date: September 2, 2008
 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 9500 ft, a mud weight of 10.6 ppg. The casing is considered to be evacuated for collapse purposes.
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

5-16-36 BTR (Revised) Proposed Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
Lead Cement - (2500' - 0')			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
1.0% Calcium Chloride	Slurry Yield:	1.82	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.72	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	2,500'	
	Volume:	244.02	bbl
	Proposed Sacks:	770	sks
Tail Cement - (TD - 2500')			
Premium Cement	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.20	ft ³ /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	5.238	Gal/sk
	Top of Fluid:	2,500'	
	Calculated Fill:	500'	
	Volume:	48.80	bbl
	Proposed Sacks:	230	sks

<u>Job Recommendation</u>		<u>Production Casing</u>	
Lead Cement - (7231' - 3000')			
Halliburton Hi-Fill Modified	Fluid Weight:	10.7	lbm/gal
0.2% HR-5	Slurry Yield:	2.92	ft ³ /sk
0.25 lbm/sk Poly-E-Flake	Total Mixing Fluid:	17.26	Gal/sk
5.0 lbm/sk Gilsonite	Top of Fluid:	3,000'	
	Calculated Fill:	4,231'	
	Volume:	209.37	bbl
	Proposed Sacks:	410	sks
Tail Cement - (11543' - 7231')			
Halliburton Tuned Light RS-1	Fluid Weight:	11.5	lbm/gal
0.2% Super CBL	Slurry Yield:	3.21	ft ³ /sk
0.2% HR-5	Total Mixing Fluid:	18.56	Gal/sk
	Top of Fluid:	7,231'	
	Calculated Fill:	4,312'	
	Volume:	213.40	bbl
	Proposed Sacks:	380	sks

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: BILL BARRETT CORPORATION

Well Name: 5-16-36 BTR

Api No: 43-013-33970 Lease Type: INDIAN-ST SURF

Section 16 Township 03S Range 06W County DUCHESNE

Drilling Contractor _____ RIG # _____

SPUDDED:

Date 11/23/2008

Time 2:00 PM

How DRY

Drilling will Commence: _____

Reported by RON GARNER

Telephone # (866) 596-7440

Date 11/24/08 Signed CHD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165
Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202 Phone Number: (303) 312-8546

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333970	# 5-16-36 BTR		SWNW	16	3S	6W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	17195	11/11/2008		11/25/08		
Comments: Spudding Operations was conducted by Craig Roustabout Service, Inc. on 11/11/2008 @ 8:00 am. NHORN = WSTC							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Reed Haddock

Name (Please Print)

Reed Haddock

Signature

Permit Analyst

11/18/2008

Title

Date

(5/2000)

*faxed
11/19/08
EP*

RECEIVED

NOV 24 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bill Barrett Corporation

3a. Address
1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8546

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1899' FNL x 672' FWL
SWNW, Section 16, T3S, R6W

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

11. Country or Parish, State
Duchesne County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Well Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This sundry is being submitted as notification of well spud on 11/23/2008.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Reed Haddock

Date 11/24/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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1899' FNL x 672' FWL
SWNW, Section 16, T3S, R6W

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N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

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Altamont

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Duchesne County

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Weekly Drilling Activity
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
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Weekly drilling activity report from 11/22/2008 - 11/24/2008.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Date 11/24/2008

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NOV 26 2008

(Instructions on page 2)

DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/23/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 2

Depth At 06:00 :

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 0

Morning Operations : Rigging up

Time To	Description
6:00 PM	Rigging up w/WestRoc trucking & crane. Released trucks @ 14:00hrs. Released crane @ 18:00hrs.
6:00 AM	Break tower, rig up floor, rotary tools & mud tanks. Fill rig tanks w/water.

Remarks :

DSLTA:322
Safety Meetings:
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:3874 gallons
USED: 1134 gallons
TOTAL FUEL USED:28,161 gallons
Daily water hauled:290 BBLS
Total water hauled:13,720 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14" inches
BOP drills:Crew #1- Crew#2-

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/22/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 1

Depth At 06:00 :

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 0

Morning Operations : Rigging up

Time To	Description
6:00 PM	Rig down w/WesrRoc Trucking and crane. Rig 100% off old location. Mats, subs, compund, motors set on new location 25% rigged up.
6:00 AM	Rig idle overnight.

Remarks :

DSLTA:321
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BOP drills:Crew #1- Crew#2-

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/24/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 3

Depth At 06:00 : 679.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 1

Morning Operations : Rigging up

Time To	Description
6:00 AM	Rigging up floor,gas buster lines.Pre spud rig inspection.
12:00 PM	Weld on conductor,hook up flowline,install turnbuckles and valves f/fillup line.
1:00 PM	PU/MU 12.25 PDC bit,mudmotor.
2:00 PM	PU/directional tools and orient same.
6:00 AM	Spud well-Drill f/ 132'ft to 679'ft-Rot 90% Slide 10%.

Remarks :

DSLTA:323
Safety Meetings:Rig inspection;snib lines
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:5481 gallons
USED:1279 gallons
TOTAL FUEL USED:1279 gallons
Daily water hauled:5720 BBLS
Total water hauled:13,980 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14" inches
BOP drills:Crew #1- Crew#2-

Notified BLM in Vernal,Carol Daniels w/State of Utah and Ben Williams w/ DWR in Vernal about spud notice.Called @ 8:00am 11/23/08

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
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☒ Oil Well ☐ Gas Well ☐ Other

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5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

11. Country or Parish, State
Duchesne County

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Drilling</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Activity
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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Weekly drilling activity report from 11/24/2008 - 12/1/2008.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Date 12/01/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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(Instructions on page 2)

RECEIVED

DEC 03 2008

DIV OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/24/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 3

Depth At 06:00 : 679.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 1

Morning Operations : Rigging up

Time To	Description
6:00 AM	Rigging up floor,gas buster lines.Pre spud rig inspection.
12:00 PM	Weld on conductor,hook up flowline,install turnbuckles and valves f/fillup line.
1:00 PM	PU/MU 12.25 PDC bit,mudmotor.
2:00 PM	PU/directional tools and orient same.
6:00 AM	Spud well-Drill f/ 132'ft to 679'ft-Rot 90% Slide 10%.

Remarks :

DSLTA:323
Safety Meetings:Rig inspection;snib lines
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:5481 gallons
USED:1279 gallons
TOTAL FUEL USED:1279 gallons
Daily water hauled:5720 BBLS
Total water hauled:13,980 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14" inches
BOP drills:Crew #1- Crew#2-

Notified BLM in Vernal,Carol Daniels.w/State of Utah and
Ben Williams w/ DWR in Vernal about spud notice.Called
@ 8:00am 11/23/08

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/25/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 4

Depth At 06:00 : 1300.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 2

Morning Operations : Drilling ahead

Time To	Description
3:30 PM	Drill f/679'ft to 956'ft-Rot 80% Slide 20%
4:00 PM	Rig service
6:00 AM	Drill f/956'ft to 1300'ft-Rot 80% Slide 20%

Remarks :

DSLTA:324
Safety Meetings:Housekeeping;Mixing mud
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:3969 gallons
USED:1512 gallons
TOTAL FUEL USED:2791 gallons
Daily water hauled:910 BBLS
Total water hauled:14,890 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14"inch
BOP drills:Crew #1- Crew#2-

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@ 8:00am 11/23/08

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/26/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 5

Depth At 06:00 : 1668.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 3

Morning Operations : Drilling ahead

Time To	Description
3:00 PM	Drill f/ 1300'ft to 1488'ft
7:30 PM	PU/off bottom,reduce pump rate,mix LCM to stop lost circulation-Hole took 110bbls mud.
3:30 AM	Drill f/ 1549'ft to 1668'ft
6:00 AM	Lost circulation-lost all returns;PU off bottom;mix LCM sweep,regain returns,mix LCM and build volume-Hole took 180bbls mud.
3:30 PM	Rig service
6:30 PM	Drill f/ 1488'ft to 1549'ft

Remarks :

DSLTA:325
Safety Meetings:Rig service;Hand placement
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:2173 gallons
USED:1796 gallons
TOTAL FUEL USED:4587 gallons
Daily water hauled:0 BBLS
Total water hauled:14,890 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14"inch
BOP drills:Crew #1- Crew#2-

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/27/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 6

Depth At 06:00 : 2114.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 4

Morning Operations : DRLG.

Time To	Description
6:30 AM	CIRC MUD MIX LCM
7:00 AM	RIG SERVICE
7:30 AM	CIRC COND HOLE
11:00 AM	POOH CHANGE MTR BIT RIH
4:30 PM	DRLG. F/ 1668 TO 1799
5:00 PM	LOST CIRC PUMP SWEEP
6:00 AM	DRLG. 1799 TO 2114

Remarks :

DSLTA:326
Safety Meetings:ROTAEY LOCK
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:4725 gallons
USED:1948 gallons
TOTAL FUEL USED:4587 gallons
Daily water hauled:1190 BBLS
Total water hauled:16,060 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14" inches
BOP drills:Crew #1- Crew#2-

SENT BLM SHEET ON SURFACE JOB 4:00 PM
11/26/08

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/28/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 7

Depth At 06:00 : 2475.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 5

Morning Operations : DRLG

FUEL 3:

Time To	Description
9:30 AM	DRLG F/ 2114 TO 2147
12:00 PM	BIT TRIP
4:30 PM	DRLG F/ 2147 TO 2242
5:00 PM	RIG SERVICE
6:00 AM	DRLG 2242 TO 2475

Remarks :

DSLTA:326
Safety Meetings:ROTAEY LOCK
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:4725 gallons
USED:1948 gallons
TOTAL FUEL USED:4587 gallons
Daily water hauled:1190 BBLS
Total water hauled:16,060 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14" inches
BOP drills:Crew #1- Crew#2-

SENT BLM.SHEET ON SURFACE JOB 4:00 PM
11/26/08

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/29/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 8

Depth At 06:00 : 2995.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 6

Morning Operations : SHORT TRIP F/ SURFACE PIPE

Time To	Description
3:30 PM	DRLG. F/ 2475 2718
4:00 PM	RIG SERVICE
3:30 AM	DRLG 2718 TO 2995
4:30 AM	CIRC MUD COND HOLE
6:00 AM	SHORT TRIP UP TO CONDUCTOR

Remarks :

DSLTA:327
Safety Meetings:ROTAEY LOCK
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:1200 gallons
USED:1512 gallons
TOTAL FUEL USED:4587 gallons
Daily water hauled:1270 BBLS
Total water hauled:17,330 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14" inches
BOP drills:Crew #1- Crew#2-

SENT BLM SHEET ON SURFACE JOB 4:00 PM
11/26/08

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 11/30/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 9

Depth At 06:00 : 2995.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 7

Morning Operations : NIPPLE UP /TEST

FUEL 6:

Remarks :

DSLTA:328
Safety Meetings:ROTA EY LOCK
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:6898 gallons
USED:862 gallons
TOTAL FUEL USED:5451 gallons
Daily water hauled:260 BBLS
Total water hauled:17,290 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14" inches
BOP drills:Crew #1- Crew#2-

Time To	Description
7:30 AM	SHORT TRIP
8:30 AM	CIRC COND HOLE
11:30 AM	POOH LD 8" TOOLS
3:30 PM	RU KIMZEY RUN 70 JTS 2995' 36# J55
5:00 PM	CIRC CASING
7:00 PM	CEMENT CASING W/ 860 SX LEAD @ 12.7 1.82 YIELD LHEN 375 SX TAIL @15.6 W/ 1.18 YIELD LOST RETURNS LAST OF TAIL BUMP PLUG @ 19:08 FLOATS HELD
9:30 PM	WOC (CUT OFF COND)
10:30 PM	TOP OUT W/ 17 BBLS 20 SX
1:00 AM	WELD ON HEAD
6:00 AM	NIPPLE UP BOPS

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/1/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 10

Depth At 06:00 : 3137.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 8

Morning Operations : POOH F/ PLUGED STRING

Time To	Description	Remarks :
2:00 PM	TEST BOPS RAMS CHOKE KELLY ALL 5000 PSI F/ 10 MIN ANN 2500 F/ 10 MIN CASING 1500 F/ 30 MIN ALL OK	DSLTA:329 Safety Meetings:ROTA EY LOCK (358)JTS 5" IF Conn. DP (24) 6 1/2"DC's (5)8" DC (30)5"IF Conn SWDP-Rental Knight Oil Tools
3:00 PM	CUT DRLG. LINE	FUEL:6898 gallons USED:862 gallons
6:00 PM	PICK UP BHA (FIRST RSS NO GOOD)	TOTAL FUEL USED:5451 gallons
7:00 PM	TRIP IN HOLE	Daily water hauled:780 BBLS
7:30 PM	DRILL PLUG FLOAT SHOE (EMW 10 #)	Total water hauled:18,070 BBLS
1:00 AM	DRLG 2995 TO 3137	Acc:2700 psi
2:30 AM	POOH CHANGE BITS	Man:2700 psi
4:30 AM	TRIP IN HOLE	Ann:1250 psi
5:00 AM	TRY TO UNPLUG STRING	Fluid:14" inches
6:00 AM	POOH F/ PLUG STRING	BOP drills:Crew #1- Crew#2-

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bill Barrett Corporation

3a. Address
1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8546

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1899' FNL x 672' FWL
SWNW, Section 16, T3S, R8W

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

11. Country or Parish, State
Duchesne County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Weekly Drilling Activity
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 12/1/2008 - 12/8/2008.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Date 12/08/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/1/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 10

Depth At 06:00 : 3137.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 8

Morning Operations : POOH F/ PLUGGED STRING

Time To	Description
2:00 PM	TEST BOPS RAMS CHOKE KELLY ALL 5000 PSI F/ 10 MIN ANN 2500 F/ 10 MIN CASING 1500 F/ 30 MIN ALL OK
3:00 PM	CUT DRLG. LINE
6:00 PM	PICK UP BHA (FIRST RSS NO GOOD)
7:00 PM	TRIP IN HOLE
7:30 PM	DRILL PLUG FLOAT SHOE (EMW 10 #)
1:00 AM	DRLG 2995 TO 3137
2:30 AM	POOH CHANGE BITS
4:30 AM	TRIP IN HOLE
5:00 AM	TRY TO UNPLUG STRING
6:00 AM	POOH F/ PLUG STRING

Remarks :

DSLTA:330
Safety Meetings:ROTAEY LOCK
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:6898 gallons
USED:862 gallons
TOTAL FUEL USED:5451 gallons
Daily water hauled:780 BBLS
Total water hauled:18,070 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14"inches
BOP drills:Crew #1- Crew#2-

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/2/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 11

Depth At 06:00 : 3600.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 9

Morning Operations : DRLG

FUEL 73

Time To	Description
10:30 AM	POOH F/ PLUGED STRING CHECK TOOLS CHANGE MOTORS ORIENT TOOL
12:00 PM	TRIP IN HOLE
2:30 PM	DRLG F/ 3127 TO 3215
4:00 PM	POOH F/ TRY CONE BIT
6:00 PM	PU BIT #6 RIH
6:00 AM	DRLG F/ 3215 TO 3600

Remarks :

DSLTA:331
Safety Meetings:ROTAEY LOCK
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:7371 gallons
USED:1621 gallons
TOTAL FUEL USED:7072 gallons
Daily water hauled:780 BBLS
Total water hauled:18,070 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14"inches
BOP drills:Crew #1-47 SEC Crew#2

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/3/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 12

Depth At 06:00 : 4380.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 10

Morning Operations : DRLG

FUEL 538

Remarks :

DSLTA:332
Safety Meetings:ROTAEY LOCK
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:5386 gallons
USED:1985 gallons
TOTAL FUEL USED:9057 gallons
Daily water hauled:260 BBLS
Total water hauled:18,330 BBLS
Acc:2700 psi
Man:2700 psi
Ann:1250 psi
Fluid:14"inches
BOP drills:Crew #1-47 SEC Crew#2

Time To	Description
1:30 PM	DRLG F/ 3600 TO 3799
2:00 PM	RIG SERVICE
6:00 AM	DRLG. 3799 TO 4380

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/4/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 13

Depth At 06:00 : 5021.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 11

Morning Operations : Drilling w/RSS tools

Time To	Description
9:00 AM	Drill f/4380'ft to 4445'ft-Had 500psi pressure spike.
9:30 AM	Circulate bottoms and mix pill for trip
11:30 AM	Pump pill-POOH for bit #7
12:30 PM	LD/mudmotor, TCI bit & RSS tool.
2:00 PM	PU/new RSS tool, Wenzel mudmotor. MU/PDC bit. Surface test RSS tool & mudmotor.
2:30 PM	Change batteries in MWD tool.
3:30 PM	TIH
6:00 AM	Drill f/ 4445'ft to 5021'ft

Remarks :

DSLTA:333
Safety Meetings:Tripping;Inspecting tongs
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:3591 gallons
USED:1795 gallons
TOTAL FUEL USED:10852 gallons
Daily water hauled:0 BBLS
Total water hauled:18,330 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14" inches
BOP drills:Crew #1-47 SEC Crew#2

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/5/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 14

Depth At 06:00 : 5657.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 12

Morning Operations : Drilling w/RSS tools

Remarks :

Time To	Description
1:00 PM	Drill f/ 5021'ft to 5276'ft
1:30 PM	Rig service
6:00 AM	Drill f/ 5276'ft to 5657'ft

DSLTA:334
Safety Meetings:BOP drills;
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:6330 gallons
USED:1699 gallons
TOTAL FUEL USED:12,551 gallons
Daily water hauled:260 BBLs
Total water hauled:18,590 BBLs
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14"inches
BOP drills:Crew #1:47 SEC Crew#2:

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/6/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 15

Depth At 06:00 : 6356.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 13

Morning Operations : Drilling w/RSS tools

Remarks :

Time To	Description
1:00 PM	Drill f/ 5651'ft to 5911'ft w/RSS tool
1:30 PM	Rig service
4:30 AM	Drill f/ 5911'ft to 6356'ft w/RSS tool
5:30 AM	Circulate BU/flow check.Pump pill & blow down kelly.
6:00 AM	POOH

DSLTA:335
Safety Meetings:Changing oil;Lock out/Tag out
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:4630 gallons
USED:1700 gallons
TOTAL FUEL USED:14,251 gallons
Daily water hauled:0 BBLS
Total water hauled:18,590 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14"inches
BOP drills:Crew #1:47 SEC Crew#2:

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/7/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 16

Depth At 06:00 : 6842.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 14

Morning Operations : Drilling w/bent motor

Time To	Description
8:00 AM	POOH f/RSS tools
9:30 AM	Surface test RSS tool, Tool not functioning; LD RSS tool; PU new RSS tool, surface test tool. Tool failed, not working. LD/RSS tools. Released RSS tool personnel.
11:00 AM	Rig service
2:00 PM	TIH to shoe, fill pipe; TIH to 6356'ft
10:30 AM	PU/mudmotor, set AKO to 1.83 deg., change batteries, orient directional tools.
6:00 AM	Drill f/ 6356'ft to 6842ft.

Remarks :

DSLTA:336
Safety Meetings:LD Tubulars
(358)JTS 5" IF Conn. DP
(24) 6 1/2"DC's
(5)8" DC
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:7560 gallons
USED:1749 gallons
TOTAL FUEL USED:16,000 gallons
Daily water hauled:0 BBLS
Total water hauled:18,590 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14" inches
BOP drills:Crew #1:47 SEC Crew#2:

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/8/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 17

Depth At 06:00 : 7616.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 15

Morning Operations : Drilling w/bent motor

Time To	Description
6:00 AM	Drill f/ 6842'ft to 7145'ft
6:00 AM	Rig service-Adjust brakes
6:00 AM	Drill f/ 7145'ft to 7616'ft

Remarks :

DSLTA:337
Safety Meetings:Rig service;Changing light bulbs
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:5860 gallons
USED:1700 gallons
TOTAL FUEL USED:17,700 gallons
Daily water hauled:520 BBLS
Total water hauled:19,110 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bill Barrett Corporation

3a. Address
1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8546

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1899' FNL x 672' FWL
SWNW, Section 16, T3S, R6W

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

11. Country or Parish, State
Duchesne County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Weekly Drilling Activity
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 12/8/2008 - 12/15/2008.

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DEC 17 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Date 12/15/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/8/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 17

Depth At 06:00 : 7616.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 15

Morning Operations : Drilling w/bent motor

Remarks :

DSLTA:337
Safety Meetings:Rig service;Changing light bulbs
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:5860 gallons
USED:1700 gallons
TOTAL FUEL USED:17,700 gallons
Daily water hauled:520 BBLS
Total water hauled:19,110 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

Time To	Description
6:00 AM	Drill f/ 6842'ft to 7145'ft
6:00 AM	Rig service-Adjust brakes
6:00 AM	Drill f/ 7145'ft to 7616'ft

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DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/9/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 18

Depth At 06:00 : 8278.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 16

Morning Operations : Drilling w/bent motor

Remarks :

DSLTA:338
Safety Meetings:Slips;Elec motors
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:3920 gallons
USED:1935 gallons
TOTAL FUEL USED:19,640 gallons
Daily water hauled:0 BBLS
Total water hauled:19,110 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

Time To	Description
3:30 PM	Drill f/ 7616'ft to7896'ft
4:00 PM	Rig service
6:00 AM	Drill f/ 7896'ft to8278'ft

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DEC 17 2008

DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/10/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 19

Depth At 06:00 : 8846.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 17

Morning Operations : Drilling w/bent motor

Remarks :

DSLTA:339
Safety Meetings:Rotary torque;
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:1985 gallons
USED:1935 gallons
TOTAL FUEL USED:21,575 gallons
Daily water hauled:0 BBLS
Total water hauled:19,110 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

Time To	Description
3:30 PM	Drill f/ 8278'ft to 8532'ft
4:00 PM	Rig service
5:00 PM	Drill f/ 8532'ft to 8551'ft
6:00 PM	Lost circulation;PU/slow pump rate to 60 strokes.;Mix LCM;regain full returns.
6:00 AM	Drill f/ 8551'ft to 8846'ft

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DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/11/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 20

Depth At 06:00 : 9319.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 18

Morning Operations : Drilling w/bent motor

Remarks :

DSLTA:340
Safety Meetings:Boiler chemical;Housekeeping
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:4535 gallons
USED:2014 gallons
TOTAL FUEL USED:23,589 gallons
Daily water hauled:520 BBLS
Total water hauled:19,630 BBLS
Acc:2800 psi
Man:2800 psi
Ann:800 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

Time To	Description
8:30 AM	Drill f/ 8846'ft to 8913'ft
10:30 AM	Drilling break/gas & yellow oil to surface.Raise mud wt to 9.6ppg.
3:30 PM	Drill f/ 8913'ft to 9036'ft
4:00 PM	Rig service
6:00 AM	Drill f/ 9036'ft to 9319'ft

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DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/12/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 21

Depth At 06:00 : 9590.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 19

Morning Operations : Drilling w/bent motor

Remarks :

DSLTA:341
Safety Meetings:Gas kicks;winterizing choke manifold
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:2457 gallons
USED:2078 gallons
TOTAL FUEL USED:25,667 gallons
Daily water hauled:0 BBLS
Total water hauled:19,630 BBLS
Acc:2800 psi
Man:2800 psi
Ann:1150 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

Time To	Description
6:30 AM	Drill f/ 9319'ft to 9344'ft-MWD batteries dead.Not able to survey.
3:30 PM	Took 33bbl pit gain,flow check,20%flow.Shut in well and monitor pressures.Kick in hole.Start well kill procedures circulating out kick.Raise MW to 10.1 to kill well.Well opened up @ 15:30hrs.
7:30 PM	Move pipe,pipe free.Circulate & condition mud.
6:00 AM	Drill f/ 9344'ft to 9590'ft

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DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/13/2008

Report # : 22

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Depth At 06:00 : 10144.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 20

Morning Operations : Drilling w/bent motor

Time To	Description
3:30 PM	Drill f/ 9590'ft to 9852'ft
4:00 PM	Rig service
6:00 AM	Drill f/ 9852'ft to 10144'ft

Remarks :

DSLTA:342
Safety Meetings:Mixing mud;
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:5292 gallons
USED:1606 gallons
TOTAL FUEL USED:27,273 gallons
Daily water hauled:520 BBLS
Total water hauled:20,150 BBLS
Acc:2800 psi
Man:2800 psi
Ann:1050 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crw#2:56 sec

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DEC 17 2008

DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/14/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 23

Depth At 06:00 : 10660.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 21

Morning Operations : Drilling w/bent motor

Time To	Description
3:00 PM	Drill f/ 10144'ft to 10355'ft
4:00 PM	Rig service
5:00 AM	Drill f/ 10355'ft to 10660'ft-TD well
6:00 AM	Pump sweep;circulate bottoms up.

Remarks :

DSLTA:343
Safety Meetings:Lighting flare bucket;Job focus
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:3402 gallons
USED:1890 gallons
TOTAL FUEL USED:29,163 gallons
Daily water hauled:260 BBLS
Total water hauled:20,410 BBLS
Acc:2800 psi
Man:2800 psi
Ann:1050 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

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DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/15/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 24

Depth At 06:00 : 10660.00

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 22

Morning Operations : Logging

Remarks :

Time To	Description
7:00 AM	Circulate sweep out;Flow check;Mix & pump dry job.
8:30 AM	Short trip 20 stands out & back in.Down gas 2355 units,BU/units 1514 units
2:30 PM	Circulate & condition mud.Flow check,mix & pump dry job,winterize kelly.
8:30 PM	POOH f/ logs.
9:30 PM	LD/ directional tools and release directional company.
10:00 PM	Pull wear bushing.
6:00 AM	RU/Baker Atlas logging.Log well.Logs on bottom @ 03:30hrs.Loggers depth-10680'ft

DSLTA:344
Safety Meetings:Tripping;Logging
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:1795 gallons
USED:1607 gallons
TOTAL FUEL USED:30,770 gallons
Daily water hauled:520 BBLS
Total water hauled:20,930 BBLS
Acc:2800 psi
Man:2800 psi
Ann:750 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec

RECEIVED

DEC 17 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
BIA-EDA-2OG0005608
6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE – Other Instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bill Barrett Corporation

3a. Address
1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8546

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1899' FNL x 672' FWL
SWNW, Section 16, T3S, R6W

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

11. Country or Parish, State
Duchesne County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Drilling</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Activity
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 12/15/2008 - 12/18/2008. Final drilling activity report.

RECEIVED

DEC 29 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Date 12/22/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

REGULATORY DRILLING SUMMARY



Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/18/2008

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Report # : 27

Depth At 06:00 :

Estimated Total Depth : 10488.00

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008

Days From Spud : 25

Morning Operations : RDMO

Time To	Description
8:30 AM	Cement w/Halliburton.Pump 10bbls water spacer.Pump 85sk 1st Lead cement at 10.5#ppg.Pump 135sk 2nd Lead cement at 10.7#ppg.Pump 563sk tail cement at 11.5#ppg.Drop plug and pump 245bbls fresh water displacement.Land plug @8:23hrs.Bumped plug w/246 barrels away at 1976psi.Pressured up to 2400psi.Check floats.Floats held.2bbls flowback.RD/Halliburton.
6:00 PM	NIPPLE DOWN SET SLIPS STRING W/ 180K SET SLIPS @ 210K RR 1800 HRS
6:00 AM	RD PREP F/ TRUCKS

Remarks :

DSLTA:347
Safety Meetings:
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:3685 gallons
USED:1322 gallons
TOTAL FUEL USED:33,379 gallons
Daily water hauled:260 BBLS
Total water hauled:30,320BBLS
Acc:2600 psi
Man:2600 psi
Ann:750 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec
Contacted the BLM/Vernal office;State of Utah & Utah DWR about upcoming cement job on prod.casing and rig move.

RECEIVED

DEC 29 2008

DIV. OF OIL, GAS & MINING

REGULATORY DRILLING SUMMARY

WELLCORE

Well : #5-16-36 BTR

Phase/Area : Black Tail Ridge

Operations Date : 12/17/2008

Report # : 26

Depth At 06:00 : 10660.00

Estimated Total Depth : 10488.00

Bottom Hole Display	API #/License
SWNW-16-3S-6W-W30M	43-013-33970

Surface Location : SWNW-16-3S-6W-W30M

Spud Date : 11/23/2008 Days From Spud : 24

Morning Operations : Cementing production casing

Time To	Description
9:00 AM	LDDP, SWDP, Break bit sub and bit off. **Wait on laydown machine, trough broke, swapped for one in Vernal-1hr rig time taken off of ticket.***
7:30 PM	RU/Kimzey Casing, hold safety meeting w/ crews. Run (241) Jts 5.5" I-100, 17# Production casing to 10,628'ft. Hookup circulating hose and circulate casing. RD/casing crew.
5:00 AM	Circulate casing. RU/Halliburton cementers. Waiting on Halliburton 3 hrs due to mechanical problems with trucks in yard in Vernal, Ut.
6:00 AM	Install cementing head and hookup steel lines. Pump 2bbls water to pressure test lines. Test lines to 5000#psi. Tried to pump after pressure test. Lines from truck w/Super Flush frozen. Pump 10bbl water spacer, go to cement directly downhole. Pumping Lead cement at report time.

Remarks :

DSLTA:346
Safety Meetings:Running casing;Cementing
(358)JTS 5" IF Conn. DP
(30)5"IF Conn SWDP-Rental Knight Oil Tools
FUEL:3685 gallons
USED:1322 gallons
TOTAL FUEL USED:33,379 gallons
Daily water hauled:260 BBLS
Total water hauled:30,320BBLS
Acc:2600 psi
Man:2600 psi
Ann:750 psi
Fluid:14" inches
BOP drills:Crew #1:47 sec Crew#2:56 sec
Contacted the BLM/Vernal office;State of Utah & Utah
DWR about upcoming cement job on prod.casing and rig
move.

RECEIVED

DEC 29 2008

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
BIA-EDA-20G0005608
6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bill Barrett Corporation

3a. Address
1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8546

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1899' FNL x 672' FWL
SWNW, Section 16, T3S, R6W

11. Country or Parish, State
Duchesne County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other "OPS" Status
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Requested
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) is requesting "operation suspended" or "OPS" status for the # 5-16-36 BTR. This well was drilled to a total depth of 10,660' MD. Total depth was reached on December 13, 2008. Surface casing was set to 2,995' MD (9 5/8") and production casing was set to 10,628' MD (5 1/2"). BBC plans to complete this well once economic conditions improve.

COPY SENT TO OPERATOR

Date: 1.28.2009

Initials: KS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Reed Haddock

Title Permit Analyst

Signature

Date 01/12/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pet. Eng.

Date

1/21/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Dogon

Federal Approval of This
Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

JAN 14 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
**Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.
BIA-EDA-2OG0005608

6. If Indian, Allottee or Tribe Name
Ute Indian Tribe

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Bill Barrett Corporation

3a. Address
1099 18th Street, Suite 2300
Denver, CO 80202

3b. Phone No. (include area code)
(303) 312-8168

7. If Unit of CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
5-16-36 BTR

9. API Well No.
43-013-33970

10. Field and Pool or Exploratory Area
Altamont

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1899' FNL x 672' FWL
SWNW, Section 16, T3S, R6W

11. Country or Parish, State
Duchesne County

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other "OPS" Status
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Monthly Report
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) is submitting this sundry to request continued monthly "operation suspended" or "OPS" status for the #5-16-36 BTR. This well was drilled to a total depth of 10,660' MD. Total depth was reached on December 13, 2008. No operations were conducted on this well during February 2009. BBC plans to complete this well once economic conditions improve.

RECEIVED

MAR 16 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Matt Barber

Title Permit Analyst

Signature

Matt Barber

Date 03/06/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 5-16-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0672 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013339700000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 7/21/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Bill Barrett Corporation (BBC) is submitting this sundry to request continued monthly "operation suspended" or "OPS" status for the #5-16-36 BTR. This well was drilled to a total depth of 10,660' MD. Total depth was reached on December 13, 2008. No operations were conducted on this well during March 2009, April 2009, May 2009, and June 2009. BBC plans to complete this well once economic conditions improve.		
<div style="display: flex; justify-content: space-between;"> <div> NAME (PLEASE PRINT) Matt Barber </div> <div> PHONE NUMBER 303 312-8168 </div> <div> TITLE Permit Analyst </div> </div>		
<div style="display: flex; justify-content: space-between;"> <div> SIGNATURE N/A </div> <div> DATE 7/21/2009 </div> </div>		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 5-16-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0672 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013339700000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 9/22/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. This sundry is being submitted as notification that this well had first sales on 9/22/09.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 06, 2009		
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/1/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 5-16-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0672 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013339700000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/13/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Completion activity report through 10/13/09.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 14, 2009		
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 10/13/2009	

#5-16-36 BTR 9/24/2009 06:00 - 9/25/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion
Time Log Summary						
DRILL ON SAND FOR 1 HOUR NO CHANGE - 1, SHUT OFF FOAM UNIT PULL UP REMOVE STRING FLOAT MAKE JT BACK UP CIRC W/ RIG PUMP MADE 5-6' IN 45 MIN QUIT MOVING SHUT DOWN PUMP START OUT OF WELL PUMPED 345 BBLS DOWN WELL BETWEEN FOAM & RIG PUMP - 1, POOH W/ TUBING PUMP 20 BBLS DOWN CASING POOH THE BOTTOM OF BIT SUB & DRAG BIT WERE LEFT IN HOLE - 4, WAIT IN FISHING TOOLS - 2, MAKE UP FISH TOOLS PUMP 20 BBLS TOP KILL - 1, RIH W/ TUBING TAG SAND @ 9488' - 4, R/U SWIVEL WORK TUBING LATCH FISH ? - 1, POOH W/ TUBING PUMP 25 BBLS FOR TOP KILL GET OUT OF HOLE NO FISH - 3, TEAR FISHING TOOLS DOWN REDRESS MAKE UP 3 21/32 GRAPPLE - 1, FLOW WELL BACK TO GET HEAD OFF PUMP ON WELL WOULD NOT DIE LOCK PIPE RAMS TURN WELL OVER TO OPSCO WILL KILL IN A.M. - 2, WELL FLOWING 130 BPH & 900 MCF - 4						

#5-16-36 BTR 9/25/2009 06:00 - 9/26/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion
Time Log Summary						
WELL FLOWING 80 BBLS OIL AN HOUR AND 1.2 MMCF RATE 850 PSI 40 CHOKE WAITING ON ORDERS - 2, BREAK DOWN FISHING TOOLS AND RELEASE - 1, MAKE UP RE-ENTRY GUIDE XN-NIPPLE 2 3/8 SUB AND 5 1/2 ARROW SET PACKER - 3, R/U LUBRICATOR P/U PACKER EQ. RIH W/ PACKER & SET @ 7,640' POOH R/D PSI BLEED WELL OFF - 3, RIH W/ ON-OFF TOOL & TUBING - 3, POOH W/ 54 JTS LAYING DOWN - 1, RIH W/ REST OF TUBING TAG PACKER SPACE OUT W/ 4' & 6' SUB LAND W/ HANGER W/ 7,000# TENSION 234 JTS OF TUBING 6' & 4' SUB & HANGER - 1, N/U WELL HEAD & FLOWLINES - 1, R/U DELSCO RIH LATCH ON XN-PLUG FILL TUBING EQ. PLUG POOH W/ PLUG R/D DELSCO WELL FLOWING TURN OVER TO OPSCO RACK OUT RIG EQ. WILL R/D IN THE A.M. LOG IS LINED UP FOR MONDAY AT THEIR REQUEST - 3, OPSCO WILL SEND IN FLOW REPORT - 6						

#5-16-36 BTR 9/26/2009 06:00 - 9/27/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion
Time Log Summary						
R/D WORKOVER RIG AND RELEASE MOVE EQ. OUT OF WAY TO GET OIL OUT - 3, FLOWING WELL THRU OPSCO - 21						

#5-16-36 BTR 9/27/2009 06:00 - 9/28/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion
Time Log Summary						
CONTINUE TO FLOW BACK THRU OPSCO - 24						

#5-16-36 BTR 9/28/2009 06:00 - 9/29/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion
Time Log Summary						
FLOW WELL BACK THRU OPSCO RAN PROTECHNICS LOG AND PRODUCTION SURVEY - 24						

#5-16-36 BTR 9/29/2009 06:00 - 9/30/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion
Time Log Summary						
RERUN COMPLETION PROFILER LOG - 7, R/D OPSCO OFF WELLHEAD R/U PROD. LINE TRUN PROD. TO TREATER OPSCO R/D WILL MOVE TO 16-23-36 R/D BBC FLOW BACK LINES A FLOW BACK TREATER - 5, FLOW WELL TO PRODUCTION FACILITY START SELL GAS TO EL PASO @ 2:00 P.M. - 12						

#5-16-36 BTR 9/30/2009 06:00 - 10/1/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary FLOW BACK WELL THRU PROD. EQ. CLEAN FLOW BACK TANKS MOVE OPSCO TO 16-23 - 24						

#5-16-36 BTR 10/1/2009 06:00 - 10/2/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary CONTINUE TO FLOW WELL HEAT FLOW BACK TANKS & TRANSFER SO CAN CLEAN SATURDAY - 10, FLOW WELL AND HAUL OIL - 14						

#5-16-36 BTR 10/2/2009 06:00 - 10/3/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary FLOW WELL BACK CUT WAX - 24						

#5-16-36 BTR 10/3/2009 06:00 - 10/4/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary MOVE TANKS OUT FLOW WELL BACK - 24						

#5-16-36 BTR 10/4/2009 06:00 - 10/5/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary FLOW WELL BACK CUT WAX - 24						

#5-16-36 BTR 10/5/2009 06:00 - 10/6/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary CONTINUE TO FLOW WELL BACK CUT WAX - 24						

#5-16-36 BTR 10/6/2009 06:00 - 10/7/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary CONTINUE TO FLOW WELL CUT WAX - 24						

#5-16-36 BTR 10/7/2009 06:00 - 10/8/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary CONTINUE TO FLOW WELL CUT WAX - 24						

#5-16-36 BTR 10/8/2009 06:00 - 10/9/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary FLOW WELL BACK CUT WAX - 24						

#5-16-36 BTR 10/9/2009 06:00 - 10/10/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
Time Log Summary CONTINUE TO FLOW WELL CUT WAX - 24						

#5-16-36 BTR 10/10/2009 06:00 - 10/11/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

FLOW WELL BACK

CUT WAX - 24

#5-16-36 BTR 10/11/2009 06:00 - 10/12/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

FLOW BACK WELL

CUT WAX - 24

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 5-16-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0672 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013339700000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/11/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Completion activity report from 10/13/09 through 11/11/09.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 17, 2009		
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 11/16/2009	

#5-16-36 BTR 10/14/2009 06:00 - 10/15/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
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Time Log Summary

#5-16-36 BTR 10/19/2009 06:00 - 10/20/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
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Time Log Summary

WAIT ON SWAB UNIT - 6, R/U SWAB UNIT
 TRY TO RIH CANT GET BELOW 200' - 2, R/U HOT OIL TRUCK PUMP 3 BBLS PRESSURE UP TO 1750 PSI
 KEEEP WORKING GET TO MOVE
 FLUSH TUBING W/ 50 BBLS - 1, RIH W/ SWAB
 FLUID LEVEL @ 3000'
 MAKE 6 RUN RECOVER 14 BBLS
 ENDING FLUID LEVEL @ 2000'
 OIL IS VERY WAXY SLOW GETTING IN HOLE - 2

#5-16-36 BTR 10/20/2009 06:00 - 10/21/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
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Time Log Summary

START @ 7:00 - 1, T.P. 100 PSI
 BLEED OFF TEAR WELL HEAD OFF
 HANGING UP IN GATE VALVE
 REMOVE VALVE & REPLACE W/ NEW
 SHORTEN WELL HEAD UP REPLUMB FLOWLINE - 2.5, - 8

#5-16-36 BTR 10/21/2009 06:00 - 10/22/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
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Time Log Summary

T.P. 150 PSI
 R/D WELL HEAD REPLACE VALVE AND NIPPLE
 RIG BACK UP PUMP 50 BBLS DOWN TUBING - 2, R/U SWAB EQ. RECOVER WATER IN TUBING
 TURN SO WAXY COULD NOT GET IN HOLE
 R/D SWAB UNIT - 3, PUMP 2500 GAL OF DIESEL W/ 500 GAL OF PARIFFIN DISP.
 FOLLOWED BY 70 BBLS OF WATER
 SHUT WELL IN TIL MORNING - 3, DOWN TIL MORNING - 16

#5-16-36 BTR 10/22/2009 06:00 - 10/23/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
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Time Log Summary

STARTED @ 8:00 - 2, T.P. 50 PSI
 RIH W/ SWAB FLUID LEVEL @ 3000'
 MADE 23 RUNS RECOVERED 108 BBLS
 ENDING FLUID LEVEL @ 2800'
 SHUT WELL IN FOR NIGHT - 10, DOWN FOR NIGHT - 12

#5-16-36 BTR 10/23/2009 06:00 - 10/24/2009 06:00

API/UWI 43-013-33970	State/Province UT	County DUCHESNE	Field Name Black Tail Ridge	Well Status Released for Work	Total Depth (ftKB)	Primary Job Type Drilling & Completion
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Time Log Summary

- 1, T.P. 300 PSI
 BLEED WELL OFF
 R/U SWAB EQ. - 1, SWAB WELL BEGIN FLUID LEVEL @ 2800'
 MADE 24 RUNS WELL WOULD FLOW GAS FOR 5-10 MINUTES AFTER EACH RUN
 RECOVERED 172 BBLS
 ENDING FLUID LEVEL @ 2400' - 10, SHUT IN FOR NIGHT - 12

#5-16-36 BTR 10/24/2009 06:00 - 10/25/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL - 1, T.P. 550 PSI
 RIH W/ SWAB BEG. FLUID LEVEL @ 2200'
 MADE 26 RUN RECOVERED 156 BBLS
 FLUID LEVEL FELL TO 2500' AFTER 10 RUN
 ENDING FLUID LEVEL @ 2500' - 11, SHUT WELL IN FOR WEEKEND - 12

#5-16-36 BTR 10/27/2009 06:00 - 10/28/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL - 1, MOVE IN R/U
 R/U TUBING EQ. - 2, N/D WELL HEAD
 N/U BOP - 1, RELEASE PACKER
 PUMP 50 BBLS DOWN TUBING - 1, POOH W/ 234 JTS OF TUBING
 LAY DOWN PACKER - 2.5, P/U 4 3/4 WASH SHOE
 RIH W/ 234 JTS OF TUBING - 2.5, UNLOAD AND TALLEY 100 JTS OF TUBING
 SHUT WELL IN FOR NIGHT - 1, DOWN TIL A.M. - 13

#5-16-36 BTR 10/28/2009 06:00 - 10/29/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL - 1, 0 T.P. 0 C.P.
 PUMP 5 BBLS DOWN TUBING
 RIH PICKING UP TUBING TAG FILL @ 9390'
 98' SAND ABOVE BIT SUB - 2, POOH W/ TUBING ABOVE TOP PERF.
 R.U. DRILLING EQ.
 R/U OPSCO - 2, SHUT IN TILL MORNING WAITING ON FOAM UNIT - 19

#5-16-36 BTR 10/29/2009 06:00 - 10/30/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL - 1, RIH W/ TUBING TO 9380'
 R/U SWIVEL & FOAM UNIT - 2, START PUMPING DOWN TUBING W/ FOAM UNIT
 PUMP FOR 1 1/2 HOUR SMALL RETURNS
 THEN CASING PLUGGED OFF W/ WAX - 3, POOH W/ 80 JTS R/U FOAM UNIT
 PUMP FOR 2 HOUR FINALLY GET CIRC ROLL FOR 1 HOUR
 OPSCO HAVING PROBLEM W/ EQ. SHUT DOWN FIX GASKET
 SHUT FOAM UNIT DOWN WELL FLOWING W/ 200 PSI
 LEFT WELL FLOWING TO CLEAN UP
 SHUT DOWN TIL MORNING - 5, FLOWING BACK THRU OPSCO - 13

#5-16-36 BTR 10/30/2009 06:00 - 10/31/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL - 1, R/U HOT OILER & FOAM UNIT START PUMPING DOWN WELL
 PUM 25 GALLONS OF PAR. DISPER. W/ WATER
 STARTED GETTING RETURNS AFTER 1 1/2 HOUR
 CIRC FOR 30 MIN C.P. 600 PSI
 SHUT DOWN PUMPING PUMP 15 BBLS KILL DOWN TUBING - 2, RUN 80 JTS OF TUBING IN HOLE
 R/U SWIVEL & DRILLING EQ. - 2, SHUT DOWN TO PUMP OPSCO'S LINES OUT - 1, START PUMPING 1 HOUR TO GET RETURNS
 TAG SAND @ 9428' CIRC DOWN TO 9488' TO PUMP OFF BIT SUB
 SWIVEL DOWN ON TORQUE & STALLING OUT FINALLY GET 3000# ON MILL FOR 30 MIN
 NO CHANGE IN WEIGHT
 GET SAND BACK - 2, R/D SWIVEL POOH W/ TUBING
 WELL CAME IN W/ 20 STANDS LEFT IN HOLE
 PUMPED 45 BBLS KILL POOH W/ TUBING
 LAY DOWN WASH SHOE
 HAD BIT SUB IN SHOE APPROX. 21"
 SHUT WELL IN FOR NIGHT ORDER OVERSHOT - 4, SHUT IN TIL MORNING - 12

#5-16-36 BTR 10/31/2009 06:00 - 11/1/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

Open Well to bleed off 380# Casing pressure - 1, Safety Meeting - Hazards of tripping tubing with tools

Measure Fishing tools - 1, TIH with BHA as Follows

X - Nipple	1.16'	
1 Jt 2-7/8" 6.5#	31.80'	
X-Over to Tools	1.01'	3-3/16" OD
Jars	8.53'	3-1/8" OD
Bumper Sub	4.10'	3-1/8" OD
X-Over to overshot	0.94'	3-11/16" OD
Short catch Overshot	2.22'	4-11/16" OD

TIH with 291 Jts - 2, RU Power Swivel, PU 1 Jt

Tag @ 9489' Work tools without circulation - 1, Pump Tubing volume make 1'
 Begin Foaming on Well - Pressure builds to 1400# over the 2 hours without well circulating.
 Start down with joint #293, Make hole acts like sand, Tag hard @ 9504', collar below slips.
 Well starting to circu. to tank, Pump 5 bbls foamer swipe to help clean well.
 Kill tubing with rig pump, POOH to check on fish
 290 BBls pumped - 4, POOH with 201 Jts - 92 Jts in Hole @ 3013'
 Well still flowing, Well has 80#, Still trying to flow
 Secure Well - 2, Flow Well to bring pressure down. - 4, Well Shut in & Secured
 Monitor pressure overnight, bleed pressure off beginning @ 4 AM
 Lower pressure to POOH with tubing - 9

#5-16-36 BTR 11/1/2009 06:00 - 11/2/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

Open well to tank to bleed 440# off well - 1, POOH with tubing - Pump 5 BBls down tubing - 15 BBls down Casing
 Out of hole with fish. LD fishing tools - 1.5, TIH with BHA to drill out rest of well

X - Nipple	1.16'	
1 Jt Tubing	32.57'	
Graco Bit Sub	1.17'	3-3/4" OD 1-1/2" ID
Tri-Cone Bit	0.38	

TIH with 278 joints - 279 in hole @ 9047'

String Float on top of joint #277

Install washington rubber, single back drill line, prep to start drilling in AM - 3, Well Shut in & Secured

Monitor build up pressure - 18.5

#5-16-36 BTR 11/2/2009 06:00 - 11/3/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

Safety Meeting - Drilling Plugs, Foam Unit operations, Hot Oiler - 0.5, TIH with Tubing, RU Power Swivel, Start pumping foam to circu well - 1, Pump 1/2 BPM with 850 sccf/min of N2 to circu hole
 Start Drilling on last of plug & Sand @ 9492' - 2, Continue to Clean Sand to next plug
 15 to 20 minute per joint due to sand
 Joint 298 in Hole @ 9648' Lost Stand pipe hose due to leaking (Holes) 2000#
 Replace with different hose, Has holes,
 Rig up iron to tubing, Pressure to 2000# within 5 minutes with foam truck - 3.5, Pull tubing to string float - 277 jts in hole @ 8988'
 RU to bleed pressure off tubing thru string float, started flowing 600#
 Shut in, Pump 20 BBls water with rig pump to kill tubing, Remove string float. - 1.5, Start pumping with foam unit to establish circulation on well
 Check pressure while pumping - 2, Well flowing to vessel, 900# on well @ 5 PM
 Flow well overnight - 13.5

#5-16-36 BTR 11/3/2009 06:00 - 11/4/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

Safety Meeting - 0.5, Bleed pressre down a little - Started with 1300# on Tubing, 0# Casing
 Stop flowing , Prep to pump down tubing
 Pump 30 BBls down tubing - Looks good - 1, Install string float on top of jt #277
 TIH with tubing - Tag on Jt #300 - 3' out 9710'
 Prep to start pumping with foam unit - 0.5, Pumping 1/2 BPM with 800 SCF of N2 to begin ciru & Clean out of well - 1.5, Start clean ing well Pumping 1/2 BPM with 850 SCF/Min N2 @ 1350# Tubing pressure
 Tag & Drill CBP @ 9853' No sgn of sand above plug Bottom Perf @ 10376'
 TIH, Tag @ 10529' Clean out to 10529'
 Ciru hole +/- 1-1/2 Hour to clean well bore. - 5, RD Power Swivel - POOH LD Tubing
 278 Joints in hole @ 8950' String Float on top of joint #277
 Continue to flow well overnight
 Prep rig to pull tubing in morning - 1.5, Continue to Flowback well
 4 PM - 700# Casing Pressure
 8 PM - 80# Casing Pressure - 14

#5-16-36 BTR 11/4/2009 06:00 - 11/5/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

Well open to flowback equipment - 0#
 Safety Meeting for day's work - 1, Pump 40 BBls to kill tubing - Pull String Float - 1, POOH with Tubing to LD Bit & Bit Sub
 Stand back 150 Joints - LD rest of tubing - 2.5, Talley Tubing in derrick - TIH with Notched Collar on bottom
 LD 6 Jts - Prep to Land tubing - 2.5, Land Tubing as follows

21' KB Correction (KB 23')
 7869.86' 243 Jts 2-7/8" 6.5# L-80 Tubing
 1.16' X-Nipple (Weatherford)
 32.62' 1 Jt 2-7/8"
 0.4' Notched Collar

EOT - 7925' X-Nipple @ 7891' - 0.5, RD Floor & Equipment, ND BOPE, NU Prod. Tree
 Clean Location - Turn well to Sales Flowback
 RD Rig Prep to move to 4-30-36 BTR - 2, Flowback well to sales - 14.5

#5-16-36 BTR 11/5/2009 06:00 - 11/6/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

MOVE SWAB UNIT - 8, SPOT IN R/U - 2, OPEN WELL UP FLOWED FOR 30 MIN. MOSTLY GAS
 TRY TO RIH W/ SWAB WELL STICKY
 MADE IT TO 500'
 POOH RECOVERED 4 BBLS
 SHUT IN FOR NIGHT - 2, SHUT WELL IN FOR NIGHT
 WILL HOT OIL TO GET IN HOLE - 12

#5-16-36 BTR 11/6/2009 06:00 - 11/7/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL - 1, T.P. 300 PSI
 C.P. 1000
 BLEED TUBING OFF FLOWED FOR 30 MIN. & DIED - 1, RIH W/ SWAB STACK OUT @ 900' POOH RECOVER 2 BBLS
 R/U HOT OILER PUMP 45 BBLS DOWN CASING
 MAKE 2 RUN RECOVER 5 BBLS COULD ONLY MAKE IT TO 1100' - 2, WELL STARTED FLOWING
 64/64 CHOKE FLOWING 30 BBLS PER HOUR
 CUT WAX PRESSURE JUMPED UP TO 240 PSI
 RLEASED SWAB HANDS
 WELL FELL OFF @ 3:00
 OPEN UP TO PROD. TANK
 TURN OVER TO FLOW BACK CREW - 5, WATCH THRU NIGHT - 15

#5-16-36 BTR 11/7/2009 06:00 - 11/8/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL
WELL DEAD - 1, R/U SWAB EQ. RIH FLUID LEVEL @ 2600' POOH RECOVER 6 BBLS
RIH TAG FLUID @ 1000' POOH RECOVER 5 BBLS
WELL STARTED FLOWING - 2, FLOWED WELL FOR 3 HOUR
FLOWING 30 BLS PER HOUR - 4, CUT WAX WELL DIED
RIH MAKE 4 RUN WELL STARTED FLOWING AGAIN - 2, FLOWED WELL BACK 2 HOUR TURNED OVER TO FLOWBACK HANDS
RECOVERED 209 OIL & 34 WATER - 2, TRIPLE E WATCHING WELL - 13

#5-16-36 BTR 11/8/2009 06:00 - 11/9/2009 06:00

API/UWI	State/Province	County	Field Name	Well Status	Total Depth (ftKB)	Primary Job Type
43-013-33970	UT	DUCHESNE	Black Tail Ridge	Released for Work		Drilling & Completion

Time Log Summary

TRAVEL
WELL DEAD - 1, R/U SWAB EQ.
RIH CANT GET BELOW 700'
TRY SPUDDING THUR WAX
NO LUCK
R/D SWAB UNIT & RELEASE - 3, OPEN CASING UP TO TREATER
FLOW BACK FOR 3 HRS.
WELL DIED - 3, WELL DEAD SHUT IN FOR PRESSURE BUILD UP - 17

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other: _____

2. Name of Operator
Bill Barrett Corporation

3. Address 1099 18th Street, Suite 2300
Denver, CO 80202

3a. Phone No. (include area code)
(303) 312-8168

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

1899' FNL x 672' FWL
At surface SW/4, NW/4, Sec. 16, T3S, R6W

SW/4, NW/4, 2076' FNL x 854' FWL

At top prod. interval reported below

1845 FNL 0783 FWL
At total depth SW/4, NW/4, 2052' FNL x 853' FWL S-16 T03S R06W

14. Date Spudded
11/11/2008

15. Date T.D. Reached
12/13/2008

16. Date Completed 11/11/2009
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6208' GL

18. Total Depth: MD 10,660'
TVD 10,599'

19. Plug Back T.D.: MD 10581'
TVD 10520'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) MUD LOGS BHP
Baker Hughes HD/CNL/GR/Cross-Multipole Array/Minilog/GR/Schlumberger CBL/GR
DIGITAL SPECTRUM LOG

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	16" Conduct.	1/4" wall	Surface	40'		Grout Cmt.		0'	
10 3/4"	9 5/8" - J-55	36 lbs.	Surface	2995'		860 sx-Lt.Prem.		0'	
						375 sxs - Prem.			
8 3/4"	5 1/2" I-80	17 lbs.	2995'	10,628'		218 sxs - HiBond		2500'	
						563 sxs - 50/50			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	7,975'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wasatch	8,880'	10,376'	10,370' - 10,376'	0.42"	18	Open
B) Uteland Butte	8,330'	8,672'	9,605' - 9,837'	0.42"	30	Open
C) Castle Peak	7,956'	8,058'	9,332' - 9,405'	0.42"	27	Open
D) Black Shale Marker	7,756'	7,790'	9,096' - 9,195'	0.42"	42	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
10,370' - 10,376'	2245 bbls. of HCL & G-R (5), 40031 lbs. 20 - 40 sand, 2500 lbs 100 mesh sand
9,605' - 9,837'	3295 bbls. of HCL & G-R (5), 78700 lbs. 20 - 40 sand, 5000 lbs 100 mesh sand
9,332' - 9,405'	1964 bbls. of HCL & G-R (5), 40200 lbs. 20 - 40 sand, 2500 lbs 100 mesh sand
9,096' - 9,195'	3107 bbls. of HCL & G-R (5), 66300 lbs. 20 - 40 sand, 5992 lbs 100 mesh sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/22/09	09/30/09	24	→	1,093.6	798.4	69.4		N/A	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
64/64			→	125.67	0	109	N/A	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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DEC 08 2009

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				TGR3	6,355'
				Douglas Creek Black Shale Marker	7,186' 7,741'
				Castle Peak	7,939'
				Uteland Butte	8,324'
				Wasatch	8,709'
				TD	10,660'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Matt BarberTitle Permit Analyst

Signature

Matt Barber

Date

12-4-09

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

26. PERFORATION RECORD (cont.)				
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS
8,880'	9,035'	0.42"	42	Open
8,330'	8,672'	0.42"	48	Open
7,956'	8,058'	0.42"	42	Open
7,756'	7,790'	0.42"	36	Open

27. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)	
DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
8,880' - 9,035'	4204 bbls. of HCL & G-R (5), 107800 lbs. 20 - 40 sand, 7500 lbs 100 mesh sand
8,330' - 8,672'	7924 bbls. of HCL & G-R (5), 250100 lbs. 20 - 40 sand, 10000 lbs 100 mesh sand
7,956' - 8,058'	4399 bbls. of HCL & G-R (5), 133800 lbs. 20 - 40 sand, 7500 lbs 100 mesh sand
7,756' - 7,790'	1362 bbls. of HCL & G-R (5), 2400 lbs. 20 - 40 sand, 2500 lbs 100 mesh sand

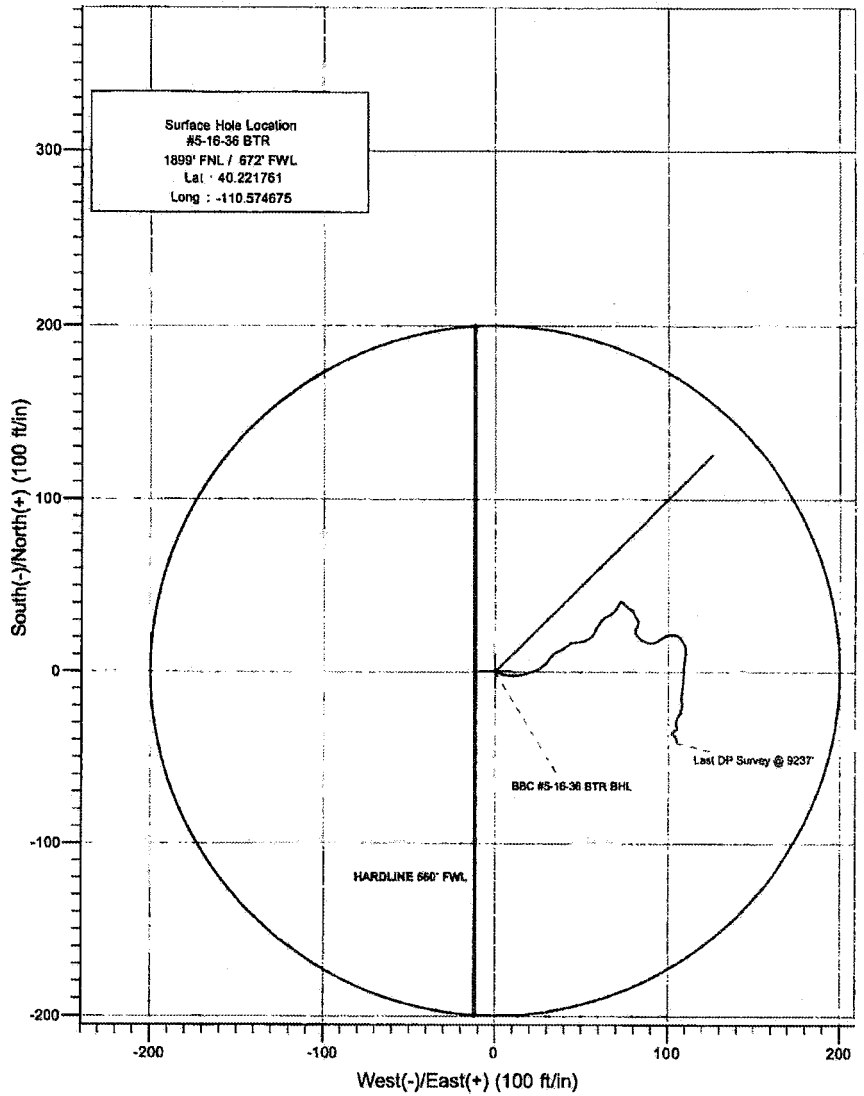
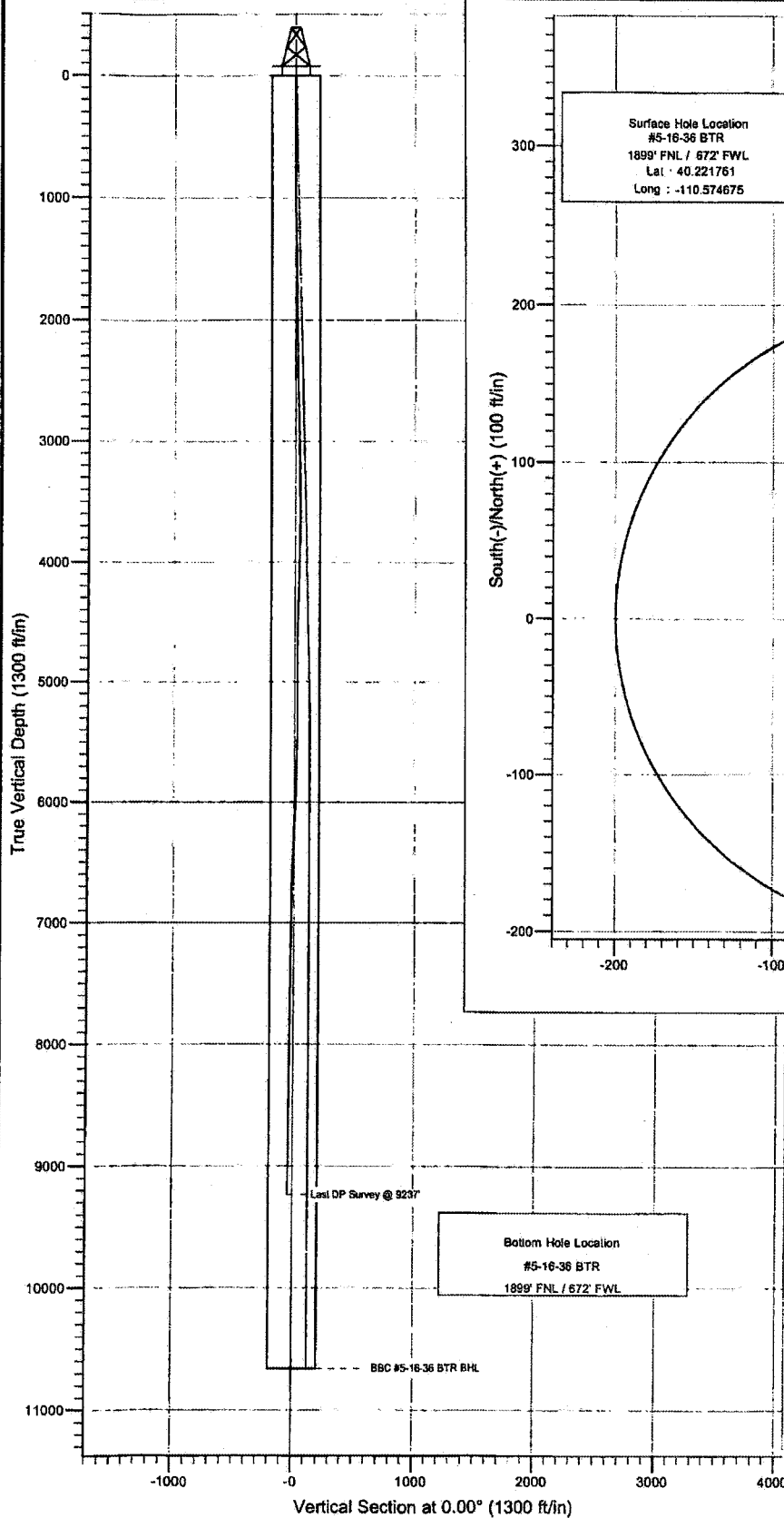


Bill Barrett Corporation

Project: DUCHESNE COUNTY, UT (NAD 27)
Site: SWNW Sec 16-T3S-R6W
Well: #5-16-36 BTR
Wellbore: DD
Design: Final



Directional Plus
A Division of Caldwell Energy Services Ltd.



Azimuths to True North
Magnetic North: 11.87°

Magnetic Field
Strength: 52569.0nT
Dip Angle: 65.91°
Date: 11/10/2008
Model: IGRF200510

DESIGN DETAILS: DD

85661; LR

WELL @ 6223.0ft (Frontier 7)

Target	Azimuth	Origin	N/S	E/W	From TVD
No Target (Freehand)	0.00	Sol	0.0	0.0	0.0

Cathedral Energy Services

Survey Report

Company: BILL BARRETT CORP	Local Co-ordinate Reference: Well #5-16-36 BTR
Project: DUCHESNE COUNTY, UT (NAD 27)	TVD Reference: WELL @ 6223.0ft (Frontier 7)
Site: SWNW Sec 16-T3S-R6W	MD Reference: WELL @ 6223.0ft (Frontier 7)
Well: #5-16-36 BTR	North Reference: True
Wellbore: DD	Survey Calculation Method: Minimum Curvature
Design: DD	Database: EDM 2003.21 US Multi Users DB

Project	DUCHESNE COUNTY, UT (NAD 27)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Utah Central 4302		

Site	SWNW Sec 16-T3S-R6W		
Site Position:		Northing:	689,157.14 ft
From:	Lat/Long	Easting:	2,258,183.85 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40.221761
		Longitude:	-110.575389
		Grid Convergence:	0.59 "

Well	#5-16-36 BTR		
Well Position	+N/-S	0.0 ft	Northing: 689,159.19 ft
	+E/-W	0.0 ft	Easting: 2,258,383.21 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	40.221761
		Longitude:	-110.574675
		Ground Level:	6,208.0 ft

Wellbore	DD		
Magnetics	Model Name	Sample Date	Declination
	IGRF200510	11/10/2008	(°) 11.87
			Dip Angle
			(°) 65.91
			Field Strength
			(nT) 52,569

Design	DD		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
		Direction	
		(°)	0.00

Survey Program	Date 12/11/2008		
From	To	Survey (Wellbore)	Tool Name
(ft)	(ft)		
129.0	9,237.0	Survey #1 (DD)	MWD
			Description
			MWD - Standard

Survey									
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Vertical	Dogleg	Build	Formations /
Depth	(°)	(°)	Depth	(ft)	(ft)	Section	Rate	Rate	Comments
(ft)			(ft)			(ft)	(°/100ft)	(°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
129.0	0.30	27.90	129.0	0.3	0.2	0.3	0.23	0.23	
160.0	0.20	131.70	160.0	0.3	0.2	0.3	1.28	-0.32	
190.0	0.20	235.60	190.0	0.3	0.2	0.3	1.05	0.00	
252.0	0.30	101.90	252.0	0.2	0.3	0.2	0.74	0.16	
282.0	0.30	126.50	282.0	0.1	0.4	0.1	0.43	0.00	
344.0	0.90	120.20	344.0	-0.2	1.0	-0.2	0.97	0.97	
405.0	1.20	122.30	405.0	-0.8	1.9	-0.8	0.50	0.49	
467.0	1.20	109.30	467.0	-1.4	3.1	-1.4	0.44	0.00	
528.0	1.50	101.90	528.0	-1.7	4.5	-1.7	0.57	0.49	
589.0	1.60	99.10	588.9	-2.0	6.1	-2.0	0.21	0.16	
650.0	1.60	100.40	649.9	-2.3	7.8	-2.3	0.06	0.00	
712.0	1.60	96.50	711.9	-2.6	9.5	-2.6	0.18	0.00	

Cathedral Energy Services

Survey Report

Company: BILL BARRETT CORP
Project: DUCHESNE COUNTY, UT (NAD 27)
Site: SWNW Sec 16-T3S-R6W
Well: #5-16-36 BTR
Wellbore: DD
Design: DD

Local Co-ordinate Reference: Well #5-16-36 BTR
TVD Reference: WELL @ 6223.0ft (Frontier 7)
MD Reference: WELL @ 6223.0ft (Frontier 7)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 US Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
773.0	1.60	89.40	772.9	-2.7	11.2	-2.7	0.32	0.00	
835.0	1.80	77.10	834.8	-2.5	13.0	-2.5	0.67	0.32	
896.0	1.70	74.50	895.8	-2.0	14.8	-2.0	0.21	-0.16	
957.0	1.70	78.20	956.8	-1.6	16.6	-1.6	0.18	0.00	
988.0	1.70	79.60	987.8	-1.4	17.5	-1.4	0.13	0.00	
1,051.0	1.80	76.90	1,050.7	-1.0	19.4	-1.0	0.21	0.16	
1,114.0	1.70	73.70	1,113.7	-0.5	21.2	-0.5	0.22	-0.16	
1,145.0	1.60	71.20	1,144.7	-0.2	22.1	-0.2	0.40	-0.32	
1,208.0	1.50	57.60	1,207.7	0.5	23.6	0.5	0.60	-0.16	
1,272.0	1.50	56.90	1,271.6	1.4	25.0	1.4	0.03	0.00	
1,335.0	1.80	52.70	1,334.6	2.4	26.5	2.4	0.51	0.48	
1,397.0	1.80	51.00	1,396.6	3.6	28.0	3.6	0.09	0.00	
1,459.0	1.60	45.30	1,458.6	4.9	29.4	4.9	0.42	-0.32	
1,491.0	1.50	39.50	1,490.6	5.5	30.0	5.5	0.58	-0.31	
1,555.0	1.60	31.50	1,554.5	6.9	31.0	6.9	0.37	0.16	
1,617.0	1.50	38.10	1,616.5	8.3	31.9	8.3	0.33	-0.16	
1,681.0	1.60	43.80	1,680.5	9.6	33.1	9.6	0.29	0.16	
1,744.0	1.80	58.10	1,743.5	10.7	34.5	10.7	0.74	0.32	
1,807.0	1.70	63.80	1,806.4	11.7	36.2	11.7	0.32	-0.16	
1,839.0	1.80	67.80	1,838.4	12.1	37.1	12.1	0.49	0.31	
1,902.0	1.80	60.60	1,901.4	12.9	38.9	12.9	0.36	0.00	
1,934.0	1.70	60.00	1,933.4	13.4	39.7	13.4	0.32	-0.31	
1,998.0	1.70	49.90	1,997.3	14.5	41.3	14.5	0.47	0.00	
2,030.0	1.50	54.50	2,029.3	15.1	42.0	15.1	0.74	-0.62	
2,092.0	1.20	43.90	2,091.3	16.0	43.1	16.0	0.63	-0.48	
2,155.0	1.10	73.40	2,154.3	16.6	44.1	16.7	0.94	-0.16	
2,187.0	1.40	85.20	2,186.3	16.8	44.8	16.8	1.23	0.94	
2,218.0	1.50	83.30	2,217.3	16.8	45.6	16.8	0.36	0.32	
2,249.0	1.60	94.90	2,248.3	16.9	46.4	16.9	1.06	0.32	
2,281.0	1.70	88.80	2,280.3	16.8	47.3	16.8	0.63	0.31	
2,313.0	2.10	82.20	2,312.2	16.9	48.4	16.9	1.42	1.25	
2,345.0	2.10	77.70	2,344.2	17.1	49.5	17.1	0.52	0.00	
2,377.0	2.40	74.00	2,376.2	17.4	50.8	17.4	1.04	0.94	
2,409.0	2.50	66.20	2,408.2	17.9	52.0	17.9	1.09	0.31	
2,440.0	2.40	63.30	2,439.1	18.5	53.2	18.5	0.51	-0.32	
2,472.0	2.30	57.90	2,471.1	19.1	54.4	19.1	0.76	-0.31	
2,503.0	2.30	49.50	2,502.1	19.8	55.4	19.8	1.09	0.00	
2,535.0	1.90	39.10	2,534.1	20.7	56.2	20.7	1.72	-1.25	
2,567.0	1.70	35.30	2,566.0	21.5	56.8	21.5	0.73	-0.62	
2,599.0	1.60	23.60	2,598.0	22.3	57.3	22.3	1.10	-0.31	
2,631.0	1.30	19.90	2,630.0	23.0	57.6	23.0	0.98	-0.94	
2,663.0	1.30	15.00	2,662.0	23.7	57.8	23.7	0.35	0.00	
2,694.0	1.30	24.30	2,693.0	24.4	58.0	24.4	0.68	0.00	
2,726.0	1.10	30.70	2,725.0	25.0	58.3	25.0	0.75	-0.62	
2,758.0	1.20	38.10	2,757.0	25.5	58.7	25.5	0.56	0.31	
2,789.0	1.10	45.40	2,788.0	26.0	59.1	26.0	0.57	-0.32	
2,821.0	1.10	30.90	2,820.0	26.4	59.5	26.4	0.87	0.00	
2,853.0	1.20	32.60	2,852.0	27.0	59.8	27.0	0.33	0.31	
2,885.0	1.50	33.30	2,884.0	27.6	60.2	27.6	0.94	0.94	
2,915.0	1.80	25.20	2,913.9	28.4	60.6	28.4	1.26	1.00	
2,940.0	1.50	27.00	2,938.9	29.0	61.0	29.0	1.22	-1.20	
3,009.0	1.60	52.00	3,007.9	30.4	62.1	30.4	0.98	0.14	
3,039.0	1.90	58.10	3,037.9	30.9	62.9	30.9	1.18	1.00	

Cathedral Energy Services

Survey Report

Company: BILL BARRETT CORP
Project: DUCHESNE COUNTY, UT (NAD 27)
Site: SWNW Sec 16-T3S-R6W
Well: #5-16-36 BTR
Wellbore: DD
Design: DD

Local Co-ordinate Reference: Well #5-16-36 BTR
TVD Reference: WELL @ 6223.0ft (Frontier 7)
MD Reference: WELL @ 6223.0ft (Frontier 7)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 US Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
3,072.0	2.10	61.40	3,070.9	31.5	63.9	31.5	0.70	0.61	
3,103.0	2.50	61.80	3,101.9	32.1	65.0	32.1	1.29	1.29	
3,135.0	2.60	57.70	3,133.8	32.8	66.2	32.8	0.65	0.31	
3,166.0	2.90	49.90	3,164.8	33.7	67.4	33.7	1.55	0.97	
3,228.0	2.50	40.50	3,226.7	35.7	69.5	35.7	0.96	-0.65	
3,291.0	2.10	21.80	3,289.7	37.9	70.8	37.9	1.34	-0.63	
3,355.0	1.30	37.60	3,353.6	39.5	71.7	39.5	1.44	-1.25	
3,386.0	1.10	45.10	3,384.6	40.0	72.1	40.0	0.82	-0.65	
3,451.0	0.30	30.40	3,449.6	40.6	72.6	40.6	1.25	-1.23	
3,514.0	0.10	337.00	3,512.6	40.8	72.7	40.8	0.40	-0.32	
3,578.0	0.50	133.30	3,576.6	40.6	72.9	40.7	0.93	0.62	
3,610.0	1.00	125.50	3,608.6	40.4	73.2	40.4	1.59	1.56	
3,674.0	2.20	135.90	3,672.6	39.2	74.5	39.2	1.92	1.87	
3,735.0	2.40	132.40	3,733.6	37.5	76.3	37.5	0.40	0.33	
3,799.0	1.90	119.00	3,797.5	36.1	78.2	36.1	1.10	-0.78	
3,862.0	0.90	108.50	3,860.5	35.4	79.6	35.4	1.63	-1.59	
3,925.0	0.40	239.60	3,923.5	35.1	79.8	35.1	1.91	-0.79	
3,989.0	0.70	181.40	3,987.5	34.6	79.6	34.6	0.93	0.47	
4,051.0	1.40	148.70	4,049.5	33.6	80.0	33.6	1.44	1.13	
4,146.0	1.50	151.80	4,144.4	31.5	81.2	31.5	0.13	0.11	
4,178.0	1.60	147.90	4,176.4	30.8	81.7	30.8	0.45	0.31	
4,210.0	1.20	146.80	4,208.4	30.1	82.1	30.1	1.25	-1.25	
4,273.0	0.90	144.90	4,271.4	29.2	82.7	29.2	0.48	-0.48	
4,337.0	1.50	201.20	4,335.4	28.0	82.7	28.0	1.95	0.94	
4,369.0	1.80	207.70	4,367.4	27.1	82.3	27.1	1.10	0.94	
4,400.0	1.90	206.40	4,398.4	26.2	81.9	26.2	0.35	0.32	
4,430.0	2.20	211.40	4,428.3	25.3	81.3	25.3	1.16	1.00	
4,462.0	2.00	199.60	4,460.3	24.2	80.8	24.3	1.49	-0.62	
4,494.0	2.10	174.80	4,492.3	23.1	80.7	23.1	2.77	0.31	
4,526.0	2.30	149.20	4,524.3	22.0	81.1	22.0	3.11	0.62	
4,557.0	2.50	138.90	4,555.3	21.0	81.8	21.0	1.53	0.65	
4,589.0	2.20	131.40	4,587.2	20.0	82.8	20.0	1.34	-0.94	
4,621.0	1.70	140.40	4,619.2	19.3	83.5	19.3	1.83	-1.56	
4,652.0	1.20	129.00	4,650.2	18.7	84.1	18.7	1.85	-1.61	
4,684.0	0.90	149.80	4,682.2	18.3	84.5	18.3	1.50	-0.94	
4,716.0	0.80	114.00	4,714.2	18.0	84.8	18.0	1.66	-0.31	
4,747.0	1.50	121.50	4,745.2	17.7	85.3	17.7	2.30	2.26	
4,777.0	2.20	108.50	4,775.2	17.3	86.2	17.3	2.71	2.33	
4,809.0	2.20	110.30	4,807.1	16.9	87.4	16.9	0.22	0.00	
4,842.0	2.70	99.20	4,840.1	16.5	88.7	16.5	2.08	1.52	
4,873.0	2.20	87.20	4,871.1	16.4	90.1	16.4	2.30	-1.61	
4,905.0	2.20	77.60	4,903.1	16.6	91.3	16.6	1.15	0.00	
4,936.0	2.10	72.20	4,934.0	16.9	92.4	16.9	0.73	-0.32	
4,968.0	2.30	60.20	4,966.0	17.4	93.5	17.4	1.57	0.62	
5,000.0	2.50	61.30	4,998.0	18.0	94.7	18.1	0.64	0.62	
5,031.0	2.40	51.00	5,029.0	18.8	95.8	18.8	1.45	-0.32	
5,064.0	2.30	52.60	5,061.9	19.6	96.8	19.6	0.36	-0.30	
5,095.0	2.00	58.30	5,092.9	20.3	97.8	20.3	1.19	-0.97	
5,127.0	2.20	75.50	5,124.9	20.7	98.9	20.7	2.06	0.62	
5,159.0	1.90	80.50	5,156.9	21.0	100.0	21.0	1.09	-0.94	
5,191.0	2.10	78.00	5,188.9	21.2	101.1	21.2	0.68	0.62	
5,223.0	2.10	85.90	5,220.8	21.3	102.2	21.3	0.90	0.00	
5,254.0	1.70	100.40	5,251.8	21.3	103.2	21.3	2.01	-1.29	

Cathedral Energy Services

Survey Report

Company: BILL BARRETT CORP
Project: DUCHESNE COUNTY, UT (NAD 27)
Site: SWNW Sec 16-T3S-R6W
Well: #5-16-36 BTR
Wellbore: DD
Design: DD

Local Co-ordinate Reference: Well #5-16-36 BTR
TVD Reference: WELL @ 6223.0ft (Frontier 7)
MD Reference: WELL @ 6223.0ft (Frontier 7)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 US Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
5,286.0	1.80	95.60	5,283.8	21.2	104.2	21.2	0.55	0.31	
5,317.0	1.20	104.90	5,314.8	21.0	105.0	21.0	2.08	-1.94	
5,349.0	1.10	117.90	5,346.8	20.8	105.6	20.8	0.87	-0.31	
5,381.0	1.30	127.80	5,378.8	20.4	106.2	20.4	0.90	0.62	
5,413.0	1.10	123.80	5,410.8	20.0	106.7	20.1	0.68	-0.62	
5,445.0	1.30	152.40	5,442.8	19.5	107.1	19.6	1.95	0.62	
5,477.0	1.20	140.40	5,474.8	19.0	107.5	19.0	0.87	-0.31	
5,508.0	1.20	159.30	5,505.7	18.4	107.8	18.4	1.27	0.00	
5,540.0	1.40	147.10	5,537.7	17.8	108.2	17.8	1.06	0.62	
5,572.0	0.80	158.80	5,569.7	17.2	108.5	17.2	1.99	-1.88	
5,603.0	0.80	149.50	5,600.7	16.8	108.6	16.9	0.42	0.00	
5,635.0	0.50	135.30	5,632.7	16.6	108.9	16.6	1.06	-0.94	
5,667.0	1.00	154.90	5,664.7	16.2	109.1	16.2	1.73	1.56	
5,699.0	0.70	141.10	5,696.7	15.8	109.3	15.8	1.13	-0.94	
5,730.0	1.10	151.90	5,727.7	15.4	109.6	15.4	1.40	1.29	
5,762.0	1.00	153.60	5,759.7	14.9	109.8	14.9	0.33	-0.31	
5,794.0	1.40	174.80	5,791.7	14.2	110.0	14.2	1.85	1.25	
5,826.0	1.60	174.90	5,823.7	13.4	110.1	13.4	0.63	0.63	
5,858.0	1.50	171.20	5,855.7	12.5	110.2	12.5	0.44	-0.31	
5,889.0	1.80	185.60	5,886.7	11.7	110.2	11.7	1.64	0.97	
5,921.0	1.80	186.10	5,918.6	10.7	110.1	10.7	0.05	0.00	
5,953.0	1.90	180.10	5,950.6	9.6	110.0	9.6	0.68	0.31	
5,985.0	2.20	186.40	5,982.6	8.5	110.0	8.5	1.17	0.94	
6,016.0	2.50	189.00	6,013.6	7.2	109.8	7.2	1.03	0.97	
6,048.0	2.50	186.90	6,045.6	5.8	109.6	5.8	0.29	0.00	
6,080.0	2.80	187.50	6,077.5	4.4	109.4	4.4	0.94	0.94	
6,112.0	2.90	185.80	6,109.5	2.8	109.2	2.8	0.41	0.31	
6,144.0	2.80	180.30	6,141.4	1.3	109.2	1.3	1.25	-0.94	
6,175.0	2.70	183.30	6,172.4	-0.2	109.1	-0.2	0.55	0.32	
6,207.0	2.80	181.60	6,204.4	-1.7	109.0	-1.7	0.40	0.31	
6,239.0	3.10	188.20	6,236.3	-3.3	108.9	-3.3	1.41	0.94	
6,271.0	3.30	180.40	6,268.3	-5.1	108.8	-5.1	1.50	0.63	
6,306.0	3.30	182.90	6,303.2	-7.1	108.7	-7.1	0.41	0.00	
6,338.0	3.40	187.00	6,335.2	-9.0	108.5	-9.0	0.81	0.31	
6,369.0	2.90	189.10	6,366.1	-10.7	108.3	-10.7	1.66	-1.61	
6,401.0	2.30	187.20	6,398.1	-12.1	108.1	-12.1	1.89	-1.88	
6,433.0	1.60	190.60	6,430.1	-13.2	107.9	-13.2	2.22	-2.19	
6,465.0	1.60	186.80	6,462.0	-14.9	107.7	-14.9	0.17	0.00	
6,497.0	1.30	177.60	6,494.0	-16.5	107.6	-16.5	0.61	-0.48	
6,529.0	0.60	154.90	6,526.0	-17.5	107.8	-17.5	1.26	-1.13	
6,561.0	0.80	155.30	6,558.0	-18.2	108.1	-18.2	0.32	0.32	
6,593.0	1.00	163.00	6,590.0	-18.6	108.3	-18.6	0.73	0.63	
6,625.0	0.80	192.20	6,622.0	-19.6	108.3	-19.6	0.77	-0.31	
6,657.0	1.20	195.30	6,654.0	-20.7	108.1	-20.7	0.64	0.63	
6,689.0	0.50	185.30	6,686.0	-21.6	107.9	-21.6	1.13	-1.11	
6,721.0	0.70	169.90	6,718.0	-21.9	107.9	-21.9	0.77	0.61	
7,000.0	0.70	221.30	6,997.0	-22.6	107.7	-22.6	0.96	0.00	
7,031.0	0.80	225.40	7,028.0	-22.9	107.4	-22.9	0.37	0.32	
7,063.0	0.40	154.10	7,060.0	-23.4	107.2	-23.4	1.21	-0.62	
7,095.0	0.70	145.50	7,092.0	-23.9	107.5	-23.9	0.51	0.49	
7,127.0	0.70	228.20	7,124.0	-24.5	107.4	-24.5	1.49	0.00	
7,159.0	1.10	224.00	7,156.0	-25.2	106.7	-25.1	0.64	0.63	
7,191.0	0.50	213.00	7,188.0	-25.8	106.2	-25.8	0.98	-0.95	

Cathedral Energy Services

Survey Report

Company: BILL BARRETT CORP
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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 US Multi Users DB

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
7,407.0	0.70	209.30	7,404.0	-26.4	105.8	-26.4	0.32	0.32	
7,470.0	1.50	203.10	7,466.9	-27.5	105.3	-27.5	1.28	1.27	
7,534.0	0.80	205.00	7,530.9	-28.7	104.8	-28.6	1.10	-1.09	
7,597.0	0.70	196.70	7,593.9	-29.4	104.5	-29.4	0.23	-0.16	
7,627.0	0.90	186.70	7,623.9	-29.8	104.4	-29.8	0.81	0.67	
7,689.0	0.80	168.30	7,685.9	-30.6	104.4	-30.6	0.61	-0.48	
7,753.0	1.00	153.70	7,749.9	-31.5	104.7	-31.5	0.70	0.62	
7,815.0	1.00	159.60	7,811.9	-32.5	105.2	-32.4	0.17	0.00	
7,878.0	0.80	150.40	7,874.9	-33.4	105.6	-33.3	0.39	-0.32	
7,941.0	0.30	233.10	7,937.9	-33.8	105.7	-33.8	1.30	-0.79	
8,005.0	0.60	260.20	8,001.9	-34.0	105.2	-34.0	0.56	0.47	
8,069.0	0.60	247.80	8,065.9	-34.2	104.6	-34.2	0.20	0.00	
8,132.0	0.50	246.80	8,128.9	-34.4	104.0	-34.4	0.16	-0.16	
8,196.0	0.50	216.50	8,192.9	-34.7	103.6	-34.7	0.41	0.00	
8,259.0	0.60	235.00	8,255.9	-35.2	103.2	-35.1	0.32	0.16	
8,323.0	0.50	223.60	8,319.9	-35.5	102.7	-35.5	0.23	-0.16	
8,387.0	1.00	203.70	8,383.9	-36.3	102.3	-36.3	0.87	0.78	
8,451.0	0.00	3.20	8,447.9	-36.8	102.0	-36.8	1.56	-1.56	
8,513.0	0.50	62.60	8,509.9	-36.6	102.3	-36.6	0.81	0.81	
8,575.0	0.20	126.70	8,571.9	-36.6	102.6	-36.6	0.73	-0.48	
8,639.0	0.50	119.20	8,635.9	-36.8	102.9	-36.8	0.47	0.47	
8,701.0	0.70	137.00	8,697.9	-37.2	103.4	-37.2	0.44	0.32	
8,764.0	0.70	146.90	8,760.9	-37.8	103.9	-37.8	0.19	0.00	
8,827.0	0.80	143.50	8,823.8	-38.5	104.4	-38.5	0.17	0.16	
8,860.0	0.90	159.60	8,856.8	-38.9	104.6	-38.9	0.78	0.30	
8,923.0	0.00	143.30	8,919.8	-39.4	104.8	-39.4	1.43	-1.43	
8,986.0	0.10	124.50	8,982.8	-39.4	104.8	-39.4	0.16	0.16	
9,049.0	0.20	135.80	9,045.8	-39.5	104.9	-39.5	0.16	0.16	
9,110.0	0.50	175.00	9,106.8	-39.9	105.0	-39.8	0.60	0.49	
9,174.0	0.70	184.50	9,170.8	-40.5	105.0	-40.5	0.35	0.31	
9,237.0	1.00	171.60	9,233.8	-41.4	105.1	-41.4	0.56	0.48	Last DP Survey @ 9237'

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Cathedral Energy Services

Survey Report

Company: BILL BARRETT CORP
Project: DUCHESNE COUNTY, UT (NAD 27)
Site: SWNW Sec 16-T3S-R6W
Well: #5-16-36 BTR
Wellbore: DD
Design: DD

Local Co-ordinate Reference: Well #5-16-36 BTR
TVD Reference: WELL @ 6223.0ft (Frontier 7)
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North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 US Multi Users DB

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
BBC #5-16-36 BTR BHL	0.00	0.00	10,663.0	0.0	0.0	689,159.20	2,258,383.21	40.221761	-110.574675
- survey misses target center by 1433.6ft at 9237.0ft MD (9233.8 TVD, -41.4 N, 105.1 E)									
- Circle (radius 200.0)									
HARDLINE 660' FWL	0.00	0.00	-10,663.0	0.0	0.0	689,159.20	2,258,383.21	40.221761	-110.574675
- survey misses target center by 10663.0ft at 0.0ft MD (0.0 TVD, 0.0 N, 0.0 E)									
- Polygon									
Point 1			-10,663.0	200.0	-12.0	689,359.06	2,258,369.15		
Point 2			-10,663.0	-200.0	-12.0	688,959.08	2,258,373.28		

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
9,237.0	9,233.8	-41.4	105.1	Last DP Survey @ 9237'

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 5-16-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0672 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013339700000
PHONE NUMBER: 303 312-8128 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/21/2009	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: _____	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. No activity, completion report is pending for submittal.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 22, 2009		
NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 12/22/2009	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: 2OG0005608
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: 5-16-36 BTR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0672 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 03.0S Range: 06.0W Meridian: U		9. API NUMBER: 43013339700000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: CEDAR RIM
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1899 FNL 0672 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 16 Township: 03.0S Range: 06.0W Meridian: U		COUNTY: DUCHESNE
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/27/2009	<input checked="" type="checkbox"/> OTHER		
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input type="text" value="Correction to lease num"/>		
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 This Sundry is being submitted to indicate that the lease for this section has been earned. The correct lease number is 14-20-H62-6263. Please update your information with this lease.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 12, 2010

NAME (PLEASE PRINT) Tracey Fallang	PHONE NUMBER 303 312-8134	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 8/11/2010	

Effective Date: 11/1/2016

FORMER OPERATOR:	NEW OPERATOR:
Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202	Rig II, LLC 1582 West 2600 South Woods Cross, UT 84087
CA Number(s):	Unit(s):

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 10/21/2016
2. Sundry or legal documentation was received from the **NEW** operator on: 10/21/2016
3. New operator Division of Corporations Business Number: 8256968-0160

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: 10/21/2016
3. Reports current for Production/Disposition & Sundries: 11/2/2016
4. OPS/SI/TA well(s) reviewed for full cost bonding: 11/3/2016
5. UIC5 on all disposal/injection/storage well(s) approved on: 11/3/2016
6. Surface Facility(s) included in operator change: None
7. Inspections of PA state/fee well sites complete on (only upon operators request): 11/3/2016

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UTB000712
2. Indian well(s) covered by Bond Number: LPM 922467
3. State/fee well(s) covered by Bond Number(s): 9219529

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 11/7/2016
2. Entity Number(s) updated in **OGIS** on: 11/7/2016
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 11/7/2016
6. Surface Facilities update in **RBDMS** on: N/A

COMMENTS:

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
SWD 9-36 BTR	9	030S	060W	4301350646	18077	Indian	Fee	WD	A
16-6D-46 BTR SWD	6	040S	060W	4301350781	18327	Indian	Fee	WD	A
6-32-36 BTR SWD	32	030S	060W	4301350921	18329	Indian	Fee	WD	A
LC TRIBAL 8-26D-47	26	040S	070W	4301334024		Indian	Indian	OW	APD
16-21D-37 BTR	21	030S	070W	4301350758		Indian	Fee	OW	APD
14-11D-37 BTR	11	030S	070W	4301350862		Indian	Fee	OW	APD
7-17D-46 BTR	17	040S	060W	4301350883		Indian	Indian	OW	APD
14-12D-37 BTR	12	030S	070W	4301350894		Indian	Fee	OW	APD
1-18D-36 BTR	18	030S	060W	4301350922		Indian	Fee	OW	APD
13-2D-45 BTR	2	040S	050W	4301350931		Indian	Indian	OW	APD
5H-16-46 BTR	16	040S	060W	4301350992		Indian	Indian	OW	APD
9H-17-45 BTR	17	040S	050W	4301351098		Indian	Indian	OW	APD
13H-8-46 BTR UB	8	040S	060W	4301351124		Indian	Indian	OW	APD
8H-9-46 BTR	9	040S	060W	4301351140		Indian	Indian	OW	APD
LC TRIBAL 7-31D-37	31	030S	070W	4301351147		Indian	Fee	OW	APD
14-16D-45 BTR	16	040S	050W	4301351178		Indian	Indian	OW	APD
16-19D-37 BTR	19	030S	070W	4301351179		Indian	Fee	OW	APD
6-2D-45 BTR	2	040S	050W	4301351234		Indian	Indian	OW	APD
2-2D-45 BTR	2	040S	050W	4301351235		Indian	Indian	OW	APD
10-26-35 BTR	26	030S	050W	4301351248		Indian	Fee	OW	APD
LC TRIBAL 1H-33-46	33	040S	060W	4301351257		Indian	Fee	OW	APD
LC TRIBAL 9-25D-46	25	040S	060W	4301351276		Indian	Indian	OW	APD
LC TRIBAL 8H-30-45	30	040S	050W	4301351277		Indian	Indian	OW	APD
LC TRIBAL 16H-30-45	30	040S	050W	4301351279		Indian	Indian	OW	APD
LC TRIBAL 13-30D-45	30	040S	050W	4301351282		Indian	Indian	OW	APD
LC TRIBAL 16H-36-46	36	040S	060W	4301351291		Indian	Indian	OW	APD
LC TRIBAL 13H-30-46	30	040S	060W	4301351321		Indian	Indian	OW	APD
LC TRIBAL 13H-31-46	31	040S	060W	4301351326		Indian	Indian	OW	APD
LC TRIBAL 16-31D-46	31	040S	060W	4301351328		Indian	Indian	OW	APD
LC TRIBAL 5H-26-47	26	040S	070W	4301351337		Indian	Indian	OW	APD
LC TRIBAL 5H-19-45	20	040S	050W	4301351349		Indian	Indian	OW	APD
LC TRIBAL 16-36D-47	36	040S	070W	4301351363		Indian	Indian	OW	APD
15-4D-47 BTR	4	040S	070W	4301351377		Indian	Fee	OW	APD
16-23D-46 LC TRIBAL	23	040S	060W	4301351396		Indian	Fee	OW	APD
15-2D-36 BTR	2	030S	060W	4301351419		Indian	Fee	OW	APD
16-23D-37 BTR	23	030S	070W	4301351420		Indian	Fee	OW	APD
11-9D-47 BTR	9	040S	070W	4301351422		Indian	Fee	OW	APD
15-13D-47 BTR	13	040S	070W	4301351424		Indian	Indian	OW	APD
LC TRIBAL 15-19D-46	19	040S	060W	4301351426		Indian	Indian	OW	APD
16-13D-45 BTR	13	040S	050W	4301351428		Indian	Indian	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

14-12D-45 BTR	12	040S	050W	4301351444		Indian	Indian	OW	APD
16-14D-45 BTR	14	040S	050W	4301351445		Indian	Indian	OW	APD
5-13D-45 BTR	13	040S	050W	4301351446		Indian	Indian	OW	APD
LC TRIBAL 16-26D-46	26	040S	060W	4301351450		Indian	State	OW	APD
LC TRIBAL 16-34D-46	34	040S	060W	4301351451		Indian	State	OW	APD
16-12D-45 BTR	12	040S	050W	4301351452		Indian	Indian	OW	APD
8-12D-45 BTR	12	040S	050W	4301351453		Indian	Indian	OW	APD
LC TRIBAL 1-35D-46	35	040S	060W	4301351454		Indian	Fee	OW	APD
16-25D-37 BTR	25	030S	070W	4301351455		Indian	Fee	OW	APD
LC TRIBAL 13H-29-46	28	040S	060W	4301351462		Indian	Fee	OW	APD
LC TRIBAL 14-30D-37	30	030S	070W	4301351494		Indian	Fee	OW	APD
7-13D-45 BTR	13	040S	050W	4301351497		Indian	Indian	OW	APD
LC TRIBAL 4H-35-46	35	040S	060W	4301351515		Indian	Fee	OW	APD
LC TRIBAL 13H-19-46	19	040S	060W	4301351543		Indian	Indian	OW	APD
16-26D-37 BTR	26	030S	070W	4301351598		Indian	Fee	OW	APD
LC TRIBAL 16-31D-37	31	030S	070W	4301351610		Indian	Fee	OW	APD
5-4-35 BTR	4	030S	050W	4301351613		Indian	Fee	OW	APD
LC TRIBAL 16-31D-47	31	040S	070W	4301351616		Indian	Indian	OW	APD
LC TRIBAL 13H-31-47	31	040S	070W	4301351617		Indian	Indian	OW	APD
LC TRIBAL 13-32D-47	32	040S	070W	4301351619		Indian	Indian	OW	APD
LC TRIBAL 16H-32-47	32	040S	070W	4301351620		Indian	Indian	OW	APD
LC TRIBAL 1-32D-47	32	040S	070W	4301351624		Indian	Indian	OW	APD
LC TRIBAL 4H-32-47	32	040S	070W	4301351625		Indian	Indian	OW	APD
LC TRIBAL 13-28D-47	28	040S	070W	4301351627		Indian	Indian	OW	APD
LC TRIBAL 13H-29-47	28	040S	070W	4301351628		Indian	Indian	OW	APD
LC TRIBAL 16H-28-47	28	040S	070W	4301351629		Indian	Indian	OW	APD
LC TRIBAL 1-28D-47	28	040S	070W	4301351639		Indian	Indian	OW	APD
LC TRIBAL 1H-27-47	28	040S	070W	4301351640		Indian	Indian	OW	APD
LC TRIBAL 4H-28-47	28	040S	070W	4301351641		Indian	Indian	OW	APD
LC TRIBAL 7-25D-58	25	050S	080W	4301351643		Indian	Indian	OW	APD
LC TRIBAL 6-25D-58	25	050S	080W	4301351644		Indian	Indian	OW	APD
LC TRIBAL 13H-24-58	24	050S	080W	4301351645		Indian	Indian	OW	APD
LC TRIBAL 16-24D-58	24	050S	080W	4301351646		Indian	Indian	OW	APD
LC Tribal 8-23D-46	23	040S	060W	4301351654		Indian	Fee	OW	APD
LC Tribal 16-35D-45	35	040S	050W	4301351656		Indian	Fee	OW	APD
LC Tribal 13H-35-45	35	040S	050W	4301351657		Indian	Fee	OW	APD
LC Tribal 16-36D-45	36	040S	050W	4301351658		Indian	Fee	OW	APD
LC Tribal 13H-36-45	36	040S	050W	4301351659		Indian	Fee	OW	APD
LC Tribal 5-36D-45	36	040S	050W	4301351661		Indian	Fee	OW	APD
LC Tribal 8-26D-46	26	040S	060W	4301351663		Indian	Fee	OW	APD
3-29D-36 BTR	29	030S	060W	4301351665		Indian	Fee	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC Tribal 5-35D-45	35	040S	050W	4301351666	Indian	Fee	OW	APD
LC Tribal 5-24D-46	24	040S	060W	4301351668	Indian	Indian	OW	APD
LC TRIBAL 6-12D-58	12	050S	080W	4301351696	Indian	Indian	OW	APD
LC TRIBAL 8-12D-58	12	050S	080W	4301351697	Indian	Indian	OW	APD
LC TRIBAL 16H-22-47	21	040S	070W	4301351700	Indian	Indian	OW	APD
5-25D-37 BTR	25	030S	070W	4301351803	Indian	Fee	OW	APD
8-3D-36 BTR	3	030S	060W	4301351804	Indian	Fee	OW	APD
14-26D-37 BTR	26	030S	070W	4301351805	Indian	Fee	OW	APD
9-4-35 BTR	4	030S	050W	4301351806	Indian	Fee	OW	APD
11-4D-35 BTR	4	030S	050W	4301351807	Indian	Fee	OW	APD
16-27D-37 BTR	27	030S	070W	4301351808	Indian	Fee	OW	APD
14-27D-37 BTR	27	030S	070W	4301351809	Indian	Fee	OW	APD
14-16D-46 BTR	16	040S	060W	4301351812	Indian	Indian	OW	APD
LC Tribal 16-35D-48	35	040S	080W	4301351847	Indian	Indian	OW	APD
LC Tribal 13H-35-48	35	040S	080W	4301351848	Indian	Indian	OW	APD
LC Tribal 13-2D-58	11	050S	080W	4301351850	Indian	Indian	OW	APD
5-13D-36 BTR	13	030S	060W	4301351862	Indian	Fee	OW	APD
5-8D-36 BTR	8	030S	060W	4301351871	Indian	Fee	OW	APD
16-1D-36 BTR	1	030S	060W	4301351872	Indian	Fee	OW	APD
8-18D-46 BTR	18	040S	060W	4301351897	Indian	Fee	OW	APD
LC Tribal 5-36D-46	36	040S	060W	4301351905	Indian	Indian	OW	APD
LC Tribal 5-26D-45	26	040S	050W	4301351907	Indian	Indian	OW	APD
14-13D-45 BTR	13	040S	050W	4301351974	Indian	Indian	OW	APD
14-34D-46 DLB	34	040S	060W	4301351975	Indian	Fee	OW	APD
LC Tribal 5-21D-45	21	040S	050W	4301352001	Indian	Indian	OW	APD
LC Tribal 8-22D-45	22	040S	050W	4301352002	Indian	Indian	OW	APD
LC Tribal 8-25D-45	25	040S	050W	4301352007	Indian	Indian	OW	APD
LC Tribal 16-25D-45	25	040S	050W	4301352008	Indian	Indian	OW	APD
LC Tribal 16-22D-45	22	040S	050W	4301352009	Indian	Indian	OW	APD
LC Tribal 16-26D-45	26	040S	050W	4301352010	Indian	Indian	OW	APD
LC Tribal 14-31D-37	31	030S	070W	4301352016	Indian	Fee	OW	APD
5-12D-45 BTR	12	040S	050W	4301352030	Indian	Indian	OW	APD
LC Tribal 9-20D-45	20	040S	050W	4301352031	Indian	Indian	OW	APD
LC Tribal 13-35D-47	35	040S	070W	4301352055	Indian	Indian	OW	APD
LC Tribal 1-23D-47	23	040S	070W	4301352057	Indian	Indian	OW	APD
9-17D-46 BTR	17	040S	060W	4301352059	Indian	Indian	OW	APD
11-18D-46 BTR	18	040S	060W	4301352060	Indian	Indian	OW	APD
9-10D-47 BTR	10	040S	070W	4301352092	Indian	Fee	OW	APD
LC Tribal 1-17D-47	17	040S	070W	4301352096	Indian	Fee	OW	APD
7-35D-37 BTR	35	030S	070W	4301352115	Indian	Fee	OW	APD
14-25D-37 BTR	25	030S	070W	4301352116	Indian	Fee	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC Tribal 5-25-46	25	040S	060W	4301352126	Indian	Indian	OW	APD
8-33D-35 BTR	33	030S	050W	4301352161	Indian	Fee	OW	APD
5-4D-36 BTR	4	030S	060W	4301352175	Indian	Fee	OW	APD
7-4D-36 BTR	4	030S	060W	4301352176	Indian	Fee	OW	APD
LC Tribal 4-36D-47	36	040S	070W	4301352186	Indian	Indian	OW	APD
LC Tribal 4-22D-46	22	040S	060W	4301352944	Indian	Indian	OW	APD
LC Tribal 16-22D-46	22	040S	060W	4301352945	Indian	Indian	OW	APD
LC Tribal 11-19D-46	19	040S	060W	4301352946	Indian	Indian	OW	APD
LC Tribal 7-20D-45	20	040S	050W	4301352947	Indian	Indian	OW	APD
15-11D-35 BTR	11	030S	050W	4301353056	Indian	Fee	OW	APD
13-11D-35 BTR	11	030S	050W	4301353057	Indian	Fee	OW	APD
BTR 16-36D-37	36	030S	070W	4301353059	Indian	Fee	OW	APD
4-29D-35 BTR	30	030S	050W	4301353060	Indian	Fee	OW	APD
1-30D-35 BTR	30	030S	050W	4301353061	Fee	Fee	OW	APD
LC TRIBAL 3-23D-46	23	040S	060W	4301353066	Indian	State	OW	APD
LC Tribal 14-23D-46	23	040S	060W	4301353067	Indian	State	OW	APD
LC Tribal 13-25D-46	25	040S	060W	4301353068	Indian	Indian	OW	APD
LC Tribal 14-26D-46	26	040S	060W	4301353069	Indian	State	OW	APD
LC Tribal 5-26D-46	26	040S	060W	4301353070	Indian	State	OW	APD
LC Tribal 11-35D-45	35	040S	050W	4301353071	Indian	State	OW	APD
LC Tribal 7-35D-45	35	040S	050W	4301353072	Indian	State	OW	APD
LC Tribal 3-35D-45	35	040S	050W	4301353075	Indian	State	OW	APD
LC Tribal 14-36D-45	36	040S	050W	4301353076	Indian	State	OW	APD
LC Tribal 13-36D-45	36	040S	050W	4301353077	Indian	State	OW	APD
LC Tribal 10-36D-45	36	040S	050W	4301353078	Indian	State	OW	APD
LC Tribal 8-36D-45	36	040S	050W	4301353079	Indian	State	OW	APD
LC Tribal 6-36D-45	36	040S	050W	4301353080	Indian	State	OW	APD
LC Tribal 1-34D-46	34	040S	060W	4301353081	Indian	State	OW	APD
LC Tribal 9-27D-46	27	040S	060W	4301353082	Indian	State	OW	APD
LC Tribal 13-35D-45	35	040S	050W	4301353083	Indian	State	OW	APD
LC Tribal 8-35D-45	35	040S	050W	4301353084	Indian	State	OW	APD
LC Tribal 15-35D-45	35	040S	050W	4301353085	Indian	State	OW	APD
LC Tribal 12-25D-45	25	040S	050W	4301353122	Indian	Indian	OW	APD
LC Tribal 14-25D-45	25	040S	050W	4301353123	Indian	Indian	OW	APD
LC Tribal 10-25D-45	25	040S	050W	4301353124	Indian	Indian	OW	APD
LC Tribal 11-26-45	26	040S	050W	4301353125	Indian	Indian	OW	APD
LC Tribal 13-26D-45	26	040S	050W	4301353126	Indian	Indian	OW	APD
LC Tribal 7-31D-46	31	040S	060W	4301353127	Indian	Indian	OW	APD
LC Tribal 7-19D-45	19	040S	050W	4301353128	Indian	Indian	OW	APD
LC Tribal 5-19D-45	19	040S	050W	4301353130	Indian	Indian	OW	APD
LC Tribal 7-25D-46	25	040S	060W	4301353132	Indian	Indian	OW	APD

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC Tribal 7-24D-46	24	040S	060W	4301353134		Indian	Indian	OW	APD
LC Tribal 14-31D-46	31	040S	060W	4301353135		Indian	Indian	OW	APD
LC Tribal 14-30D-46	30	040S	060W	4301353136		Indian	Indian	OW	APD
13-4-35 BTR SWD	4	030S	050W	4301353293		Fee	Fee	OW	APD
LC FEE 14-26D-47	26	040S	070W	4301353294		Fee	Indian	OW	APD
LC Fee 5-25D-47	25	040S	070W	4301353295		Fee	Indian	OW	APD
7-35-46 LC SWD	35	040S	060W	4301353296		Fee	Fee	OW	APD
LC Fee 1H-33-47	32	040S	070W	4301353309		Fee	Indian	OW	APD
LC FEE 14-2D-58	2	050S	080W	4301353312		Fee	Indian	OW	APD
LC FEE 13H-21-47	21	040S	070W	4301353313		Fee	Indian	OW	APD
LC Fee 16-21D-47	21	040S	070W	4301353326		Fee	Indian	OW	APD
16-7D-46 BTR	7	040S	060W	4301353328		Fee	Indian	OW	APD
LC Fee 15-26D-47	26	040S	070W	4301353331		Fee	Indian	OW	APD
LC Fee 4-24D-47	23	040S	070W	4301353332		Fee	Indian	OW	APD
LC Fee 5-34D-47	34	040S	070W	4301353333		Fee	Indian	OW	APD
LC Fee 5-35D-47	35	040S	070W	4301353334		Fee	Indian	OW	APD
13-34D-47 LC Fee	34	040S	070W	4301353337		Fee	Indian	OW	APD
14-35D-35 BTR	35	030S	050W	4301352120		Fee	Fee	OW	DRL
6-17D-46 BTR	17	040S	060W	4301351078		Indian	Indian	OW	OPS
5-34D-35 BTR	34	030S	050W	4301351187		Indian	Fee	OW	OPS
5-10D-45 BTR	10	040S	050W	4301351221		Indian	Indian	OW	OPS
5-3D-45 BTR	3	040S	050W	4301351810		Indian	Indian	OW	OPS
9-34D-35 BTR	34	030S	050W	4301352117		Fee	Fee	OW	OPS
5-35D-35 BTR	35	030S	050W	4301352118		Fee	Fee	OW	OPS
1-2D-46 BTR	2	040S	060W	4301353086		Indian	Fee	OW	OPS
7-21-46 DLB	21	040S	060W	4301333567	16526	Indian	Indian	OW	P
LC TRIBAL 1H-27-46	27	040S	060W	4301333568	18175	Indian	Fee	GW	P
7-29-46 DLB	29	040S	060W	4301333584	17603	Indian	Fee	GW	P
LC TRIBAL 12H-28-46	28	040S	060W	4301333631	18132	Indian	Indian	GW	P
LC TRIBAL 13H-21-46	21	040S	060W	4301333632	18107	Indian	Indian	GW	P
12-36-36 BTR	36	030S	060W	4301333638	16336	Indian	Fee	GW	P
5-5-46 BTR	5	040S	060W	4301333639	16542	Indian	Fee	OW	P
5-23-36 BTR	23	030S	060W	4301333642	16675	Indian	Fee	GW	P
14-29-36 BTR	29	030S	060W	4301333643	16725	Indian	Fee	OW	P
14-30-36 BTR	30	030S	060W	4301333644	16701	Indian	Fee	GW	P
7-20-46 DLB	20	040S	060W	4301333657	16584	Indian	Indian	OW	P
LC TRIBAL 5-21D-46	21	040S	060W	4301333658	18887	Indian	Indian	OW	P
5-20-46 DLB	20	040S	060W	4301333659	18750	Indian	Indian	GW	P
LC TRIBAL 13H-20-46	20	040S	060W	4301333678	17979	Indian	Indian	GW	P
14-7-46 BTR	7	040S	060W	4301333806	16890	Indian	Indian	GW	P
7-8-45 BTR	8	040S	050W	4301333820	16974	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

1-5-45 BTR	5	040S	050W	4301333868	16931	Indian	Indian	OW	P
5-16-36 BTR	16	030S	060W	4301333970	17195	Indian	Fee	OW	P
5-29-36 BTR	29	030S	060W	4301333972	17557	Indian	Fee	OW	P
4-30-36 BTR	30	030S	060W	4301333973	17249	Indian	Fee	OW	P
7-19-46 DLB	19	040S	060W	4301334004	19018	Indian	Indian	OW	P
5-25-36 BTR	25	030S	060W	4301334021	17126	Fee	Fee	OW	P
5-4-45 BTR	4	040S	050W	4301334089	17507	Indian	Indian	OW	P
13-2-46 BTR	2	040S	060W	4301334090	18618	Indian	Indian	OW	P
2-3-45 BTR	3	040S	050W	4301334099	17932	Indian	Indian	OW	P
7-6-45 BTR	6	040S	050W	4301334100	17653	Indian	Indian	OW	P
1-9-45 BTR	9	040S	050W	4301334101	17910	Indian	Indian	OW	P
8-10-45 BTR	10	040S	050W	4301334102	17530	Indian	Indian	OW	P
7-17-45 BTR	17	040S	050W	4301334104	17933	Indian	Indian	OW	P
16-7-45 BTR	7	040S	050W	4301334111	17665	Indian	Indian	OW	P
15-18-45 BTR	18	040S	050W	4301334112	17832	Indian	Indian	OW	P
6-12-46 BTR	12	040S	060W	4301334114	17964	Indian	Indian	OW	P
5-13-46 BTR	13	040S	060W	4301334115	17833	Indian	Indian	OW	P
16-26-36 BTR	26	030S	060W	4301334132	18028	Indian	Fee	OW	P
1-23-36 BTR	23	030S	060W	4301334136	17722	Indian	Fee	OW	P
15-10-36 BTR	10	030S	060W	4301334277	17419	Indian	Fee	OW	P
14-5-46 BTR	5	040S	060W	4301350307	17624	Fee	Fee	OW	P
14X-22-46 DLB	22	040S	060W	4301350351	17604	Indian	Indian	OW	P
16-13-36 BTR	13	030S	060W	4301350372	17853	Indian	Fee	OW	P
5-33-46 DLB	33	040S	060W	4301350397	17765	Indian	Fee	OW	P
5-34-46 DLB	34	040S	060W	4301350415	17801	Indian	State	GW	P
LC FEE 12H-32-46	32	040S	060W	4301350431	18003	Fee	Fee	OW	P
1-13D-47 BTR	13	040S	070W	4301350445	18205	Indian	Fee	OW	P
16-8D-45 BTR	8	040S	050W	4301350466	18799	Indian	Indian	OW	P
7-13D-46 BTR	13	040S	060W	4301350470	18076	Indian	Indian	OW	P
14-8D-45 BTR	8	040S	050W	4301350567	18207	Indian	Indian	OW	P
14-5D-45 BTR	5	040S	050W	4301350568	18108	Indian	Indian	OW	P
16-31D-36 BTR	31	030S	060W	4301350573	18004	Indian	Fee	OW	P
5-7D-46 BTR	7	040S	060W	4301350574	18176	Indian	Indian	OW	P
LC TRIBAL 13H-33-46	34	040S	060W	4301350575	18223	Indian	State	OW	P
5-8-45 BTR	8	040S	050W	4301350607	18279	Indian	Indian	OW	P
16-6D-45 BTR	6	040S	050W	4301350610	18177	Indian	Indian	OW	P
5-18D-45 BTR	18	040S	050W	4301350611	18300	Indian	Indian	OW	P
7-26-37 BTR	26	030S	070W	4301350641	18131	Indian	Fee	OW	P
3-11D-36 BTR	11	030S	060W	4301350642	18299	Indian	Fee	OW	P
16-1D-46 BTR	1	040S	060W	4301350675	18525	Indian	Indian	OW	P
14-3-45 BTR	3	040S	050W	4301350676	18363	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

4-17D-45 BTR	17	040S	050W	4301350687	18517	Indian	Indian	OW	P
5-6D-45 BTR	6	040S	050W	4301350688	18726	Indian	Indian	OW	P
7-7D-45 BTR	7	040S	050W	4301350689	18380	Indian	Indian	OW	P
14-10D-45 BTR	10	040S	050W	4301350754	18447	Indian	Indian	OW	P
14-9D-45 BTR	9	040S	050W	4301350755	18379	Indian	Indian	OW	P
13-16D-36 BTR	16	030S	060W	4301350757	18206	Indian	State	OW	P
5-9D-36 BTR	9	030S	060W	4301350843	18381	Indian	Fee	OW	P
16-5D-46 BTR	5	040S	060W	4301350844	18280	Fee	Fee	OW	P
5-27D-37 BTR	27	030S	070W	4301350847	18526	Indian	Fee	OW	P
7-4D-45 BTR	4	040S	050W	4301350884	18562	Indian	Indian	OW	P
2-16D-45 BTR	16	040S	050W	4301350899	18619	Indian	Indian	OW	P
16-10D-45 BTR	10	040S	050W	4301350902	18725	Indian	Indian	OW	P
5-2D-36 BTR	2	030S	060W	4301350913	18886	Indian	Fee	OW	P
13H-27-36 BTR	27	030S	060W	4301350918	18445	Indian	State	OW	P
8-16D-46 BTR	16	040S	060W	4301350953	19027	Indian	Indian	OW	P
16-16D-46 BTR	16	040S	060W	4301350956	19028	Indian	Indian	OW	P
16-9D-45 BTR	9	040S	050W	4301350962	18662	Indian	Indian	OW	P
14-31D-36 BTR	31	030S	060W	4301350973	18524	Indian	Fee	OW	P
5-10D-36 BTR	10	030S	060W	4301350978	18989	Indian	Fee	OW	P
1-32D-36 BTR	32	030S	060W	4301350979	18648	Indian	Fee	OW	P
16-12D-36 BTR	12	030S	060W	4301350980	18748	Indian	Fee	OW	P
2-18D-45 BTR	18	040S	050W	4301350991	18776	Indian	Indian	OW	P
3-1-46 BTR	1	040S	060W	4301351017	18777	Indian	Fee	OW	P
10-5-45 BTR	5	040S	050W	4301351062	18724	Indian	Indian	OW	P
12-4D-45 BTR	4	040S	050W	4301351063	18813	Indian	Indian	OW	P
1-10D-45 BTR	10	040S	050W	4301351064	18966	Indian	Indian	OW	P
16-2D-46 BTR	2	040S	060W	4301351079	18830	Indian	Indian	OW	P
9H-4-45 BTR	4	040S	050W	4301351092	18814	Indian	Indian	OW	P
12-17-45 BTR	17	040S	050W	4301351097	18984	Indian	Indian	OW	P
5-9D-46 BTR	9	040S	060W	4301351109	19313	Indian	Fee	OW	P
14-9D-36 BTR	9	030S	060W	4301351144	19004	Indian	Fee	OW	P
5-31D-36 BTR	31	030S	060W	4301351146	18691	Indian	Fee	OW	P
4-9D-45 BTR	9	040S	050W	4301351157	18883	Indian	Indian	OW	P
8-12D-46 BTR	12	040S	060W	4301351159	18911	Indian	Indian	OW	P
LC TRIBAL 16-23D-47	23	040S	070W	4301351180	18617	Indian	Indian	OW	P
14-7D-45 BTR	7	040S	050W	4301351222	18949	Indian	Indian	OW	P
5-16D-45 BTR	16	040S	050W	4301351223	18987	Indian	Indian	OW	P
4-5D-45 BTR	5	040S	050W	4301351242	18882	Indian	Indian	OW	P
LC TRIBAL 16H-19-45	19	040S	050W	4301351278	18627	Indian	Indian	OW	P
LC TRIBAL 13-19D-45	19	040S	050W	4301351280	18628	Indian	Indian	OW	P
LC TRIBAL 5-30D-45	30	040S	050W	4301351281	19448	Indian	Indian	OW	P

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

LC TRIBAL 15-24D-46	24	040S	060W	4301351283	18626	Indian	Indian	OW	P
LC TRIBAL 13H-24-46	19	040S	050W	4301351289	18629	Indian	Indian	OW	P
7-16-47 BTR	16	040S	070W	4301351296	18950	Indian	Fee	OW	P
14-18D-45 BTR	18	040S	050W	4301351313	19005	Indian	Indian	OW	P
LC TRIBAL 16-30D-46	30	040S	060W	4301351320	19006	Indian	Indian	OW	P
LC TRIBAL 5-20D-45	20	040S	050W	4301351331	19449	Indian	Indian	OW	P
11-8D-46 BTR	8	040S	060W	4301351336	19314	Indian	Indian	OW	P
5-7D-45 BTR	7	040S	050W	4301351350	18951	Indian	Indian	OW	P
7-5-35 BTR	5	030S	050W	4301351599	19078	Indian	Fee	OW	P
13-5D-35 BTR	5	030S	050W	4301351600	18996	Indian	Fee	OW	P
11-5D-35 BTR	5	030S	050W	4301351601	19061	Fee	Fee	OW	P
15-5D-35 BTR	5	030S	050W	4301351602	19062	Fee	Fee	OW	P
9-5D-35 BTR	5	030S	050W	4301351609	19029	Indian	Fee	OW	P
3-5D-35 BTR	5	030S	050W	4301351638	19079	Indian	Fee	OW	P
7-8-46 BTR	8	040S	060W	4301351702	19315	Indian	Indian	OW	P
7-30-46 DLB	30	040S	060W	4301351703	18997	Fee	Indian	OW	P
3-13D-46 BTR	13	040S	060W	4301351718	18881	Indian	Indian	OW	P
2-13D-46 BTR	13	040S	060W	4301351719	18885	Indian	Indian	OW	P
12-12D-46 BTR	12	040S	060W	4301351720	18867	Indian	Indian	OW	P
10-12D-46 BTR	12	040S	060W	4301351721	18856	Indian	Indian	OW	P
11-11D-47 BTR	11	040S	070W	4301352091	19633	Fee	Fee	OW	P
7-12D-47 BTR	12	040S	070W	4301352094	19600	Indian	Fee	OW	P
5-12D-47 BTR	12	040S	070W	4301352095	19634	Indian	Fee	OW	P
14-33D-35 BTR	33	030S	050W	4301352162	19450	Indian	Fee	OW	P
16-33D-35 BTR	33	030S	050W	4301352163	19451	Indian	Fee	OW	P
14-22-46 DLB	22	040S	060W	4301333660	17604	Indian	Indian	D	PA
13H-31-36 BTR	31	030S	060W	4301350465	18485	Indian	Fee	OW	PA
16X-23D-36 BTR	23	030S	060W	4301350623	18007	Indian	State	OW	PA
8-6-45 BTR	6	040S	050W	4301350900	18561	Indian	Indian	OW	PA
13-13-36 BTR	13	030S	060W	4301350919	18364	Indian	Fee	OW	PA
7-28-46 DLB	28	040S	060W	4301333569	16460	Indian	Indian	OW	S
5-21-36 BTR	21	030S	060W	4301333641	16674	Indian	Fee	GW	S
13-26-36 BTR	26	030S	060W	4301333980	17569	Indian	Fee	OW	S
14-1-46 BTR	1	040S	060W	4301334113	18516	Indian	Indian	OW	S
16-21-36 BTR	21	030S	060W	4301334130	17721	Indian	Fee	OW	S
14-21-36 BTR	21	030S	060W	4301334131	18006	Indian	Fee	OW	S
7-16-36 BTR	16	030S	060W	4301334133	17834	Indian	Fee	OW	S
1-30-36 BTR	30	030S	060W	4301334134	17905	Indian	Fee	OW	S
16-30-36 BTR	30	030S	060W	4301334135	18005	Indian	Fee	OW	S
3-23-36 BTR	23	030S	060W	4301334137	17860	Indian	Fee	OW	S
16-16-36 BTR	16	030S	060W	4301334138	17666	Indian	Fee	OW	S

From: Bill Barrett Corporation

To: Rig II, LLC

Effective 11/1/2016

4-26-36 BTR	26	030S	060W	4301334139	17620	Fee	Fee	OW	S
9-11-36 BTR	11	030S	060W	4301334276	17451	Indian	Fee	OW	S
3-36-36 BTR	36	030S	060W	4301350398	17955	Indian	Fee	OW	S
7-10-36 BTR	10	030S	060W	4301350437	18052	Indian	Fee	OW	S
16-12D-46 BTR	12	040S	060W	4301350467	18051	Indian	Indian	OW	S
13H-13-46 BTR	13	040S	060W	4301350468	18208	Indian	Indian	OW	S
13-12-46 BTR	12	040S	060W	4301350469	18233	Indian	Indian	OW	S
14-8D-36 BTR	8	030S	060W	4301350612	18163	Indian	Fee	OW	S
14-7D-36 BTR	7	030S	060W	4301350613	18330	Indian	Fee	OW	S
16-9-36 BTR	9	030S	060W	4301350645	18078	Indian	Fee	OW	S
7-27-37 BTR	27	030S	070W	4301350647	18090	Indian	Fee	OW	S
16-12D-37 BTR	12	030S	070W	4301350785	18446	Indian	Fee	OW	S
14-21D-37 BTR	21	030S	070W	4301350859	18548	Indian	Fee	OW	S
10-18D-36 BTR	18	030S	060W	4301350915	18884	Indian	Fee	OW	S
5-27D-36	27	030S	060W	4301350917	18482	Indian	State	OW	S
10-36D-36 BTR	36	030S	060W	4301351005	18523	Indian	Fee	OW	S
14-6D-45 BTR	6	040S	050W	4301351158	18967	Indian	Indian	OW	S
5H-1-46 BTR UTELAND BUTTE	6	040S	050W	4301351215	18728	Indian	Indian	OW	S
5H-1-46 BTR WASATCH	6	040S	050W	4301351216	18727	Indian	Indian	OW	S
1-25D-36 BTR	25	030S	060W	4301351294	18798	Indian	Fee	OW	S
5-5D-35 BTR	5	030S	050W	4301351605	19055	Indian	Fee	OW	S
16-23-36 BTR	23	030S	060W	4301333971	17182	Indian	Fee	OW	TA
LC TRIBAL 14-23D-47	23	040S	070W	4301334022	18616	Indian	Indian	OW	TA
5-32D-36 BTR	32	030S	060W	4301350756	18328	Indian	Fee	OW	TA



October 20, 2016

Re: Bill Barrett Corporation Transfer to New Operator

Dear Ms. Medina:

Attached please find the change of operation Form 9, Form 5's and Request to Transfer APD form changing the operator from Bill Barrett Corporation to RIG II, LLC, effective 11/1/2016. Badlands Energy – Utah, LLC will be a sub-operator.

New Operator Contact information:

RIG II, LLC
1582 West 2600 South
Woods Cross, Utah 84087-0298
Telephone: (801) 683-4245
Fax: (801) 298-9889

Upon reviewing the attached, please contact myself with any questions at 303-312-8115.

Sincerely,

Bill Barrett Corporation

Brady Riley
Permit Analyst

RECEIVED
OCT 21 2016
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
(see attached well list)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

N/A

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
(see attached well list)

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

RIG II, LLC

N4055

3. ADDRESS OF OPERATOR:

1582 West 2600 South

CITY Wood Cross

STATE UT

ZIP 84087

PHONE NUMBER:

(801) 683-4245

4. LOCATION OF WELL

FOOTAGES AT SURFACE: (see attached well list)

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

11/1/2016

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

RIG II, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO RIG II, LLC BY BILL BARRETT CORPORATION EFFECTIVE 11/1/2016. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

RIG II, LLC

1582 West 2600 South

Woods Cross, Utah 84087-0298

801-683-4245

(STATE/FEE BOND # 9219529/ BLM BOND # UTB000712/ BIA BOND # LPM9224670)

BILL BARRETT CORPORATION N4165

Duane Zavala

NAME (PLEASE PRINT)

Duane Zavala

SIGNATURE

Senior Vice President -

EH&S, Government and Regulatory Affairs

RIG II, LLC

Jesse McSwain

NAME (PLEASE PRINT)

Jesse McSwain

SIGNATURE

Manager

NAME (PLEASE PRINT) Jesse McSwain

TITLE Manager

SIGNATURE

Jesse McSwain

DATE

10/20/16

(This space for State use only)

APPROVED

NOV 07 2016

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

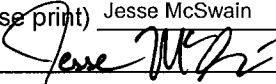
(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	(See attached list)
API number:	
Location:	Qtr-Qtr: Section: Township: Range:
Company that filed original application:	Bill Barrett Corporation
Date original permit was issued:	
Company that permit was issued to:	Bill Barrett Corporation

Check one	Desired Action:
	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> If so, has the surface agreement been updated?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <small>9219529-LUDGM / UTB000712-BLM / LPM9224670-BIA</small>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Jesse McSwain Title Manager
Signature  Date 10/20/16
Representing (company name) RIG II, LLC

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

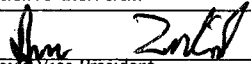
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

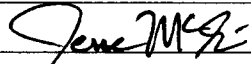
Well Name and Number 6-32-36 BTR SWD	API Number 4301350921
Location of Well Footage : 1628 FNL 1553 FWL County : DUCHENSE QQ, Section, Township, Range: SENW 32 3S 6W State : UTAH	Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

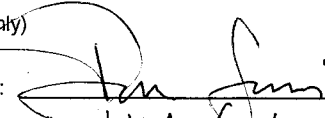
CURRENT OPERATOR

Company: <u>BILL BARRETT CORPORATION</u>	Name: <u>Duane Zavadii</u>
Address: <u>1099 18th Street Ste 2300</u>	Signature: <u></u>
city <u>DENVER</u> state <u>CO</u> zip <u>80202</u>	Title: <u>Senior Vice President -</u>
Phone: <u>(303) 293-9100</u>	Title: <u>EH&S, Government and Regulatory Affairs</u>
Comments:	Date: <u>10/20/16</u>

NEW OPERATOR

Company: <u>RIG II, LLC</u>	Name: <u>Jesse McSwain</u>
Address: <u>1582 West 2600 South</u>	Signature: <u></u>
city <u>Wood Cross</u> state <u>UT</u> zip <u>84087</u>	Title: <u>Manager</u>
Phone: <u>(801) 683-4245</u>	Date: <u>10/20/16</u>
Comments:	

(This space for State use only)

Transfer approved by: 
Title: UIC Geologist

Approval Date: 11/3/16

Comments:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

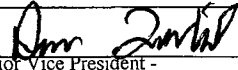
TRANSFER OF AUTHORITY TO INJECT

Well Name and Number 16-6D-46 BTR SWD	API Number 4301350781
Location of Well Footage : 0200 FSL 0099 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 6 4S 6W State : UTAH	Field or Unit Name ALTAMONT Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

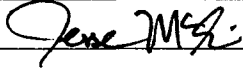
CURRENT OPERATOR

Company: BILL BARRETT CORPORATION
Address: 1099 18th Street Ste 2300
city DENVER state CO zip 80202
Phone: (303) 293-9100
Comments:


Name: Duane Zavadii
Signature: 
Senior Vice President -
Title: EH&S, Government and Regulatory Affairs
Date: 10/20/16

NEW OPERATOR

Company: RIG II, LLC
Address: 1582 West 2600 South
city Wood Cross state UT zip 84087
Phone: (801) 683-4245
Comments:

Name: Jesse McSwain
Signature: 
Title: Manager
Date: 10/20/16

(This space for State use only)

Transfer approved by: 
Title: VIC

Approval Date: 11/3/16

Comments:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

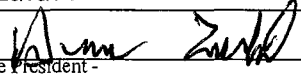
UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

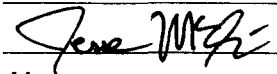
Well Name and Number SWD 9-36 BTR	API Number 4301350646
Location of Well Footage : 0539 FSL 0704 FEL County : DUCHESNE QQ, Section, Township, Range: SESE 9 3S 6W State : UTAH	Field or Unit Name CEDAR RIM Lease Designation and Number 2OG0005608

EFFECTIVE DATE OF TRANSFER: 11/1/2016

CURRENT OPERATOR

Company: <u>BILL BARRETT CORPORATION</u> Address: <u>1099 18th Street Ste 2300</u> <u>city DENVER state CO zip 80202</u> Phone: <u>(303) 293-9100</u> Comments:	Name: <u>Duane Zavadi</u> Signature: <u></u> Title: <u>Senior Vice President - EH&S, Government and Regulatory Affairs</u> Date: <u>10/20/16</u>
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NEW OPERATOR

Company: <u>RIG II, LLC</u> Address: <u>1582 West 2600 South</u> <u>city Wood Cross state UT zip 84087</u> Phone: <u>(801) 683-4245</u> Comments:	Name: <u>Jesse McSwain</u> Signature: <u></u> Title: <u>Manager</u> Date: <u>10/20/16</u>
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(This space for State use only)

Transfer approved by: _____ Approval Date: _____
Title: _____

Comments:

*This well was approved by USEPA.
EPA approval will be required.*